

Meeting Minutes Transmittal/Approval
Tri-Party Agreement Milestone Review Meeting
EPA Conference Room
712 Swift Boulevard, Richland
June 25, 1996

From/
Appvl.

for Linda L. McClain, RL (H0-12)
IAMIT Representative

Date:

7/23/96

Appvl.:

Michael Wilson, Ecology
IAMIT Representative

Date:

7/23/96

Appvl.:

Doug Sherwood, EPA
IAMIT Representative

Date:

7/23/96

Prepared by

Appvl.:

Frank T. Calapristi
Westinghouse Hanford Company

Date:

7/23/96

Attendees

Alexander, S. M.	Ecology	B5-18	Mattlin, E. M.	RL	A5-15
Arnold, L. D.	WHC	B2-35	Miera, F. R.	RL	A5-15
Baker, T. L.	WHC	T3-01	Oates, K. J.	EPA	B5-01
Britton, M. K.	WHC	B4-54	Price, S. M.	WHC	H6-23
Brulotte, P. J.	WHC	B4-54	Rasmussen, J. E.	RL	A5-15
Calapristi, F. T.	WHC	B2-35*	Sanders, G. H.	RL	A5-15
Cress, T. D.	RL	A6-52	Sherwood, D. R.	EPA	B5-01
Cusack, L. J.	Ecology	B5-18	Skinnarland, R.	Ecology	B5-18
Furman, M. J.	RL	H4-83	Sonnichsen, J. C.	WHC	H6-23
Green, F. T.	WHC	H6-30	Stevenson, M. W.	WHC	B2-35
Holt, R. G.	RL	S7-41	Teynor, T. K.	RL	S7-55
JaJackson, D. E.	RL	A5-15	Tilden, H. T.	PNNL	P7-79
Jaraysi, M. N.	Ecology	B5-18	Williams, J. D.	WHC	H6-30
Leja, S.	Ecology	B5-18	Wilson, M. A.	Ecology	B5-18*
Lundstrom, D.	Ecology	B5-18	EDMC	WHC	H6-08*
cc:					
Augustenborg, J. M.	RL	S7-55	Schmeeckle, T. O.	RL	A2-45
Piper, L. L.	RL	A5-11	Mecca, J. E.	RL	R3-79
Blazek, M. L.	ODOE	fax			

* W/Attachments

MILSTN.JUN



Meeting Minutes
TPA Milestone Review Meeting
EPA Conference Room
712 Swift Boulevard, Richland
June 25, 1996

1. M-33-00 Change Package/Solid Waste Facilities

The presentation was made by RL and Ecology (Attachments 1A and 1B). It was reported the M-33-00 negotiations were completed on June 14, 1996; a change package was developed establishing the M-90-00 series of Tri-Party Agreement milestones for waste and material streams. Thirty-Two (32) enforceable milestones and fourteen (14) target dates were established.

The negotiated package placed emphasis on Project Management Plans. The presenters described milestone series M-90-00 (TWRS), M-91-00 (LLMW, GTC3, TRU/TRUM) and M-92-00 (Cs/Sr, UU, Na and Special Case Waste). The change packages will go out for a 60-day public comment period (rather than the 45-day period stated in the attachment) on July 29. During this period, there will be two meetings with the HAB to obtain their input. The package, with all comments incorporated, is expected to be ready for approval by September 30, 1996.

Ecology noted the Project Management Plans (PMP) reflect the agreements made in St. Louis and it is hoped the PMP will be used as a model for critical path monitoring. Ecology emphasized they are interested in a performance based critical path and will be looking for this feature in future decisions.

2. M-18-00/M-19-00 WRAP I and WRAP II

The presentation (Attachment 2) was made by RL and started with a review of past accomplishments. RL noted that all M-19-00 milestones are expected to be met on schedule, except for the M-19-01-T02 which may be delayed because of an RL technical review.

There were no new issues or action items identified.

3. M-24-00 Groundwater Wells

RL made the presentation (Attachment 3) and discussed the: Project Managers Assessment of Contractor performance, Baseline Schedule, Planned Actions, Accomplishments and Issues. Under the "Issues" discussion, there were five topics:

- RL is still waiting for an Ecology reply to a RL petition for concurrence of 10 TCD's Groundwater (GW) networks.
- S/SX Tank Farms are now in assessment.
- Remainder of the SST farms are to be investigated for possible GW contamination

- Geophysics is not adequately funded in FY 1997; RL is looking for alternate sources of funding.
- Well decommissioning in support of the Part B Site Wide permit is not adequately funded. This is now being reviewed by senior management.

4. M-34-00 Spent Nuclear Fuel

The presentation (Attachment 4) was made by RL and started with the Program Managers Assessment of contractor performance. RL noted the current milestones and the "stoplite" performance format do not reflect the actual path forward. RL suggested using the "Baseline Schedule" format. This suggestion was acceptable to Ecology and EPA and the regulators encouraged the use of similar formats by other programs.

All milestones were reported on schedule and RL completed a review of Accomplishments, Planned Activities and the Milestone Assessment. The next topic was a listing of several "Issues".

- CSB Concrete Schedule
- Delay in CSB Steel installation and start of concrete pours - This was reported as "Recoverable"!
- Technical and Regulatory Issues with Potential Impact to the TPA.
 - PCB's found in some areas of KE Basin as a result of Sludge Characterization
 - Air Permitting Review DOE and EPA Resource Capability / Site vs Project Prioritization

5. M-35-00 Data Management

RL made the presentation (Attachment 5) and reported there are no Data Management milestone requirements until 3/98 and suggested a six month review cycle instead of the current quarterly requirement. After a brief discussion it was agreed to have a September Milestone Review to report on PHMC data management transition activities.

6. M-32-00 Waste Tanks/Corrective Action

RL made the presentation (Attachment 6). There was limited discussion on "Accomplishments" and "Planned Activities". Under the "Issues" discussion, it was reported the M-32-02 (Project 178) has insufficient funds to complete Phase II. Additional funds are being requested to allow completion by March 1999.

7. M-20-00 Part B and Closure Plans

The presentation was made by RL (Attachment 7); there were no new issues or action items identified.

In response to an Ecology question, RL stated they will send a letter to the regulators identifying the Project Hanford Management Contractor (PHMC) when they are identified.

AGENDA (Revised June 18, 1996)
IAMIT TRI-PARTY AGREEMENT MILESTONE REVIEW
(CHAIRPERSON: D. R. SHERWOOD)

TUESDAY, JUNE 25, 1996

EPA CONFERENCE ROOM
712 SWIFT BLVD., RICHLAND

<u>TIME</u>	<u>MILESTONE</u>	<u>TITLE</u>	<u>RL DIVISION DIRECTOR</u>	<u>CONTRACTOR MGR.</u>	<u>PRESENTER</u>
8:30 am	M-33-00	CHANGE PKG./SW FACILITIES	T. K. Teynor	S. T. Smith	F. R. Miera
	M-18-00	WRAP I	T. K. Teynor	D. E. McKenney	R. F. Guercia
	M-19-00	WRAP II	T. K. Teynor	D. E. McKenney	R. F. Guercia
9:10 am	M-24-00	GROUNDWATER WELLS	R. A. Holten	A. J. Diliberto	M. J. Furman
9:30 am	M-34-00	SPENT NUCLEAR FUEL	E. D. Sellers	G. C. Mooers	R. G. Holt
10:00 am	M-35-00	DATA MANAGEMENT	W. A. Rutherford	M. K. Britton	T. O. Schmeckle
10:15 am		BREAK			
10:30 am	M-32-00	WASTE TANKS/CORRECTIVE ACT'N	J. E. Rasmussen	E. M. Greager	E. M. Greager
11:00 am	M-20-00	PART B AND CLOSURE PLANS	J. E. Rasmussen	S. M. Price	E. M. Mattlin
11:30 am		LUNCH			

ATTENDEES

TPA MILESTONE REVIEW

JUNE 25, 1996

EPA CONFERENCE ROOM
712 SWIFT BLVD., RICHLAND

<u>NAME</u>	<u>ORGANIZATION</u>	<u>MAILSTOP</u>	<u>(✓) FOR ATTACHMENTS</u>
<u>F.T. CALAPRISTI</u>	<u>WNC/TPAI</u>	<u>B2-35</u>	<u>✓</u>
<u>T.K. TEYNOR</u>	<u>DOE/WPD/AMW</u>		
<u>MOSES JARAYSI</u>	<u>Ecology</u>	<u>B5-18</u>	
<u>MARC STEVENSON</u>	<u>WNC/TPAI</u>	<u>B2-35</u>	
<u>Kevin Oates</u>	<u>EPA</u>	<u>B5-01</u>	
<u>Steve Alexander</u>	<u>Ecology</u>	<u>B5-18</u>	
<u>Randy Arnold</u>	<u>WNC/TPAI</u>	<u>B2-35</u>	
<u>George Sanders</u>	<u>DOE-RL/EAP</u>	<u>A5-15</u>	
<u>DALE LARSEN</u>	<u>DOE-RL-EAP</u>	<u>A5-15</u>	
<u>Felix Miera</u>	<u>DOE-RL-EAP</u>	<u>A5-15</u>	
<u>DEE LUNDSTROM</u>	<u>Ecology</u>	<u>B2-35</u>	
<u>LAURA BUSICK</u>	<u>Ecology</u>		
<u>Tom Baker</u>	<u>WNC</u>	<u>T3-01</u>	
<u>Ron Skennarland</u>	<u>Ecology</u>	<u>B2-35</u>	

ATTENDEES

TPA MILESTONE REVIEW

JUNE 25, 1996

EPA CONFERENCE ROOM
712 SWIFT BLVD., RICHLAND

<u>NAME</u>	<u>ORGANIZATION</u>	<u>MAILSTOP</u>	<u>(✓) FOR ATTACHMENTS</u>
<u>M. J. FORMAN</u>	<u>DOE/AME/GWP</u>	<u>H4-85</u>	<u> </u>
<u>Stan Leja</u>	<u>Ecology</u>	<u> </u>	<u> </u>
<u>MOSG JARAYSI</u>	<u>Ecology</u>	<u>RS-18</u>	<u> </u>
<u>Janice Williams</u>	<u>WHC / HTS</u>	<u>H6-30</u>	<u> </u>
<u>FRANK GREEN</u>	<u>WHC / LIQ EFFLUENTS</u>	<u>H6-30</u>	<u> </u>
<u>Bob Holt</u>	<u>RL / Spent Fuels Div</u>	<u>57-41</u>	<u> </u>
<u>Jim Rasmussen</u>	<u>RL / EAP</u>	<u>A5-15</u>	<u> </u>
<u>Mary Kay Brita</u>	<u>WNC / GC</u>	<u>B4-54</u>	<u> </u>
<u>Phil Budolte</u>	<u>WHC / DMT</u>	<u>B4-54</u>	<u> </u>
<u>LAURA CUSACK</u>	<u>Ecology</u>	<u>B5-18</u>	<u> </u>
<u>Terry Cress</u>	<u>DOE / SID</u>	<u>A6-52</u>	<u> </u>
<u>MIKE WILSON</u>	<u>Ecology</u>	<u> </u>	<u> ✓</u>
<u>Al Sherwood</u>	<u>WHC / ES</u>	<u>H6-22</u>	<u> </u>
<u>ELLEN MATTLIN</u>	<u>DOE</u>	<u>A5-15</u>	<u> </u>

M-90 SERIES TPA MILESTONES

RL MANAGER BRIEFING

JUNE 19, 1996

M-90 SERIES MILESTONE BRIEFING

- M-90 SERIES NEGOTIATIONS CONCLUDED FRIDAY (6\14\96) SATISFYING THE COMMITMENT MADE IN M-33-00 (1\25\94) TO ESTABLISH NEW WASTE/MATERIAL MILESTONES.
- MILESTONES ARE DEVELOPED ALONG LINES OF WASTE AND MATERIAL STREAMS:
 - IMMOBILIZED TANK WASTES (ILAW & IHLW)
 - LOW LEVEL MIXED WASTE (LLMW)
 - TRANSURANIC WASTE (TRU\TRUM)
 - CESIUM\STRONTIUM (Cs\Sr)
 - UNIRRADIATED URANIUM (UU)
 - BULK SODIUM (Na)
 - SPECIAL CASE WASTE (SCW)

M-90 SERIES - MAJOR REVISIONS

- NEGOTIATION PACKAGE CONTAINS 32 NEW ENFORCEABLE MILESTONES AND 14 NEW TARGET DATES.
- NEW EMPHASIS ON PROJECT MANAGEMENT (WORK) PLANS (PMP).
 - New section (11.5) will be added to overall TPA Agreement defining Waste/Material Stream Project Management (Work) Plans.
 - Regulatory focus will be on critical path activities and performance measures.

WASTE/MATERIAL STREAM PROJECT MANAGEMENT PLANS (PMPs)

- PMP ELEMENTS:
 - Project Goals & Objectives
 - Background
 - Project Scope
 - Project Constraints
 - Project Schedules & Critical Path Analysis
 - Key Deliverables/Products
 - Funding Profiles
 - Performance Measurement
 - Project Control
 - Change Management

- PMPs ARE TO BE PREPARED, REVIEWED, AND APPROVED AS PRIMARY DOCUMENTS
(Funding Profiles, Project Schedules, Critical Path Analysis, and Change Management are included for information only.)

ADHERENCE TO PRE-NEGOTIATION GUIDELINES

NEGOTIATION TEAM FOLLOWED ALL PRE-NEGOTIATION GUIDELINES SET FORTH BY RL MANAGER AND DOE-HQ.

- NO DATES WITHOUT SUBSTANCE
 - Reflect program planning baselines
- NO DATES AFTER 2015
 - Final date in package is December 2009
- NO COMMITMENTS WITHOUT FUNDING
 - Commitments out to 1999 utilized present budget profiles
 - Commitments beyond 1999 reflect program plans
- NO ENFORCEABLE MILESTONES ON 'AEA ONLY' MATERIALS

M-90 SERIES - PROGRAM REVISIONS

- TWRS (M-90 Series)
 - COMMITTED TO PERFORM IMMOBILIZED LOW ACTIVITY WASTE PERFORMANCE ASSESSMENT
 - COMMITTED TO ACQUIRE IMMOBILIZED LOW ACTIVITY WASTE INTERIM STORAGE FACILITY
 - COMMITTED TO ACQUIRE IMMOBILIZED LOW ACTIVITY WASTE DISPOSAL FACILITY
 - COMMITTED TO ACQUIRE A CANISTER STORAGE FACILITY FOR IMMOBILIZED HIGH LEVEL WASTE INTERIM STORAGE

M-90 SERIES - PROGRAM REVISIONS

- LLMW, GTC3, & TRU/TRUM (M-91 Series)
 - COMMITTED TO INITIATE OPERATIONS OF PROJECT W-112 (Adds 13,000 Drum Equivalent Storage at CWC)
 - COMMITTED TO INITIATE THERMAL TREATMENT OF CH LLMW
 - COMMITTED TO INITIATE TREATMENT OF LARGE CONTAINER AND RH LLMW
 - COMMITTED TO INITIATE PROCESSING AND PACKAGING OF CH TRU/TRUM AT WRAP 1
 - COMMITTED TO COMPLETE POST 1970 SMALL CONTAINER CH TRU/TRUM RETRIEVAL (W-113)

M-90 SERIES - PROGRAM REVISIONS

- Cs/Sr, UU, Na, & SPECIAL CASE WASTE (M-92 Series)
 - COMMITTED TO COMPLETE TRANSFER OF ALL 300 AREA Cs/Sr TO WESF AND/OR APPROVED STORAGE LOCATION
 - COMMITTED TO COMPLETE COMMERCIAL DISPOSITION AND/OR ACQUISITION OF FACILITIES FOR UU (Target Dates only)
 - COMMITTED TO COMPLETE CONSOLIDATED STORAGE OR COMMERCIAL DISPOSITION OF ALL HANFORD SITE Na
 - COMMITTED TO COMPLETE REMOVAL OF ALL SPECIAL CASE WASTE FROM THE 300 AREA TO NEW CONSOLIDATED STORAGE

SPENT NUCLEAR FUEL

- ORIGINAL M-33-00 MILESTONE INCLUDED:
 - N Reactor Fuel
 - Special Nuclear Material
- REGULATORY ISSUES INVOLVING SPENT NUCLEAR FUEL (SNF) AND SPECIAL NUCLEAR MATERIAL RESULTED IN REMOVAL OF SNF FROM THE SCOPE OF M-33-00.
 - Allowed timely closure on remainder of waste and material streams
 - Issue of State's authority to regulate will be addressed in future legal discussions

FUTURE ACTIVITIES

- 45 DAY PUBLIC COMMENT PERIOD TO START APPROXIMATELY JULY 15
- WILL BRIEF FULL HAB IN PORTLAND JULY 11 - 12
- WILL BRIEF OREGON WASTE BOARD THE END OF JUNE
- REVIEW/RESOLVE PUBLIC COMMENTS
- INCORPORATE PUBLIC/HAB COMMENTS AND SIGN PACKAGE

Change Number L-96-01	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date DRAFT June 14, 1996
Originator Ecology/DOE		
Phone		
Class of Change <input checked="" type="checkbox"/> I - Signatories <input type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager		
Change Title <u>Hanford Federal Facility Agreement and Consent Order (Agreement)</u> modifications pursuant to milestone M-33-00 negotiations, a subsequent Agreement in Principle dated June 30, 1995, and the establishment of new major milestone series', M-90-00, M-91-00, and M-92-00.		
Description/Justification of Change Agreement modifications made here reflect the Parties recognition that effective management of Hanford cleanup and waste and materials management demands a fully coordinated approach (See milestone M-33-00). In addition, these changes have been developed pursuant to the Parties recognition that a number of Hanford site special nuclear materials may no longer be needed for their original purposes and have no clearly identified future use. Specific waste/materials project management milestones are established under new major milestones M-90-00, M-91-00, and M-92-00. These (L-96-01) Agreement modifications document corresponding changes being made to Agreement "legal provisions" (modified Article XI, and new Article XLIX), and Action Plan (revised sections 4.0, 9.0 and 11.0).		
Impact of Change Approval of this change request by the Parties modifies Agreement "legal provisions" by modifying Article XI, and by establishing new Article XLIX (Inclusion of Nonregulated Nuclear Materials). Approval of this change request by the Parties also modifies Agreement Action Plan Sections 4.0, 9.0 and 11.0. On approval, Hanford site planning and budget development documents (e.g., Sitewide System Engineering control documents, Project Management Plans, and Multi Year Work Plans) will be modified accordingly.		
Affected Documents <u>Hanford Federal Facility Agreement and Consent Order</u> , as amended by its Sixth Amendment, February 1996, Hanford site internal planning and budget documents (e.g., Sitewide System Engineering control documents, Project Management Plans, and Multi Year Work Plans).		
Approvals <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> _____ DOE _____ EPA _____ Ecology </div> <div style="width: 30%;"> _____ Date _____ Date _____ Date </div> <div style="width: 30%;"> ____ Approved ____ Disapproved ____ Approved ____ Disapproved ____ Approved ____ Disapproved </div> </div>		

The following modifications are made to Parts Two and Five of the Hanford Federal Facility Agreement and Consent Order (Agreement). Additions to existing Agreement language are shown as shaded, deletions are shown as strikeouts:

Part Two:

ARTICLE XI. SCHEDULE

42. A. Tank waste remediation system milestones will be established in accordance with section ~~11.7~~ 11.8 of the Action Plan.

B. Except as provided above, specific major and interim milestones, as agreed to by the Parties, are set forth in the Action Plan.

Part Five

ARTICLE XLIX: INCLUSION OF NONREGULATED NUCLEAR MATERIALS

154. The Parties recognize that with the close of the cold war the DOE is reassessing current management practices to ensure sound management and compliance with applicable requirements of a wide range of nuclear materials and chemicals nationwide. Many of these materials in inventory, such as surplus nuclear materials, may no longer be needed for their original purposes and have no clearly identified future use. This recognition, coupled with the Parties recognition that effective management of all Hanford cleanup and waste management activities demands a fully coordinated approach (See Agreement milestone M-33-00), has resulted in agreement to include management of nuclear materials that are not currently regulated under RCRA or CERCLA (nonregulated nuclear materials) within this Agreement.

155. Target dates pertaining to nonregulated nuclear materials are identified within this Agreement by the prefix "MX", e.g., MX-00-00T. Inclusion and management of such nonregulated nuclear materials shall be pursuant to Section 12 of the Action Plan. The Parties recognize and agree that inclusion in this Agreement of target dates pertaining to management of nonregulated nuclear materials confers no regulatory authority over these materials to Ecology or EPA. The Parties recognize and agree however, that work schedules associated with non regulated nuclear materials may impact DOE's ability to comply with the requirements of this Agreement. DOE agrees that delays in nonregulated nuclear material(s) projects will not excuse or constitute a defense with regard to any failure to comply with regulated Agreement activities (e.g., milestones).

Article I ~~XLIX~~ COMPLIANCE WITH APPLICABLE LAWS

156 154. All actions to be taken pursuant to this agreement shall be taken in accordance with the requirements of all applicable federal and state laws and regulations. All Parties acknowledge that such compliance may impact schedules to be performed under this Agreement. Extensions of schedules shall be provided in accordance with Article XL (Extensions).

157 155. In any judicial challenge arising under this Agreement the court shall apply the law in effect at the time of the challenge, including any amendments to RCRA and CERCLA enacted after entry of this agreement. Where the law governing this agreement has been amended or clarified, any provision of this agreement which is inconsistent with such amendment or clarification shall be modified to conform to such change or clarification.

ARTICLE ~~II~~ ~~I~~ EFFECTIVE DATE

~~158~~ ~~156~~. This Agreement is effective upon signature by all Parties.

ARTICLE ~~III~~ ~~II~~ ATTACHMENT 1

Attachment 1 to this Agreement is a letter dated February 26, 1989, from Donald Carr, Acting Assistant Attorney General, Land and Natural Resources Division, U.S. Department of Justice, to Christine Gregoire, Director, Department of Ecology. This letter sets forth the Department of Justice's position on the enforceability of this Agreement.

The following modifications are made to Sections 4.0 and 11.0 of the Action Plan of the Hanford Federal Facility Agreement and Consent Order (Agreement). Additions to existing Agreement language are shown as shaded, deletions are shown as strikeouts.

Section 4.0

4.0 AGREEMENT MANAGEMENT

4.1 PROJECT MANAGER ROLE

The DOE and the lead regulatory agency(ies) (see Section 5.6 for discussion of lead regulatory agency) shall each designate an individual as a project manager for each operable unit, TSD group/unit or specific milestone to be completed under this Agreement. Project managers will only be identified for those areas where effort is ongoing or planned in the near future; A listing of currently assigned project managers shall be maintained and distributed to all Parties by the DOE. Each project manager shall represent his/her respective party and keep his/her agency informed on the status and any problems that arise.

Project managers from each party must have experience and capabilities necessary to carry out their assigned responsibilities. The lead regulatory agency(ies) will assign a project manager with the experience and capability to provide all the routine regulatory oversight necessary for DOE's successful completion of the assigned milestone. DOE will assign a project manager with the experience and capability to manage the project, to oversee the actions of contractor staff, and to maintain regulatory compliance necessary to the completion of the milestone. The project manager from the lead regulatory agency (see Section 5.6 for discussion of lead regulatory agency) shall be responsible for regulatory oversight of all activities required by this action plan for completion of that milestone.

The primary responsibilities of the project managers are to implement the scope, terms, and conditions of the Agreement, direct and provide guidance to their respective contractors and staff, maintain effective communication among each other, and report status to their respective management.

Subject to the limitations set forth in Article XXXVII (Access) of the Agreement and, in addition to other authorities and responsibilities, the Ecology and EPA project managers, or their designated representative(s), shall have the authority to: (1) notify and/or take/issue compliance actions deemed necessary should DOE and/or its contractors fail to comply with Agreement terms, (2) take samples, request split samples of the DOE samples, and ensure that work is performed properly and pursuant to the EPA protocols as well as pursuant to the attachments and plans incorporated into this Agreement; (3)

observe all activities performed pursuant to this Agreement, take photographs, and make sure other reports are prepared on the progress of the work as the project manager deems appropriate; and (4) review records, files, and documents relevant to this Agreement. In addition, the project manager for the lead regulatory agency has authority to require changes to any procedural, design, or specification document that is referenced in a supporting work plan. Such required changes will be subject to the appropriate dispute resolution process as specified in the Agreement.

The DOE project managers or their representatives shall be physically present on the Hanford Site or reasonably available to supervise work performed at the Hanford site during the performance of work performed pursuant to this Agreement and shall be available to the EPA and Ecology project manager for the pendency of this Agreement.

Other authorities and responsibilities are identified in the context of this action plan. The project managers may delegate their authority and responsibilities with notice to the other effected party(ies).

Project managers for DOE and the lead regulatory agency shall meet to discuss progress (including the status of all key project tasks), address issues, and review near term plans pertaining to their respective projects, milestones, operable units and/or TSD groups/units. For TSD groups and operable units, meetings shall be held monthly, unless the project managers agree that a meeting is not appropriate. The assigned DOE project manager shall provide current work schedule information including project task element schedule status and associated "float" (defined as the projected number of days until a task becomes critical path), marked up the appropriate schedules from the RI/FS work plan, closure plan, etc., and/or appropriate detailed near term schedules prior to the meeting. The schedules shall address all ongoing activities associated with the milestones, operable unit or separate TSD groups/units, to include actions on specific units (e.g., sampling). These schedules will be provided to all parties and reviewed at the meeting. Any agreement and commitments (within the project managers level of authority) resulting from the meeting will be prepared and signed by all parties as soon as possible after the meeting. Signed meeting minutes will be issued to the lead regulatory agency and the administrative record by the DOE project manager summarizing the discussion at the meeting. The minutes will include, at a minimum, the following:

- Status of previous agreements and commitments
- Any new agreements and commitments
- Schedules (with current status noted)
- Any approved changes signed off at the meeting in accordance with section 12.2

In the event that the lead regulatory agency project manager forms an opinion that DOE actions or failure to act, jeopardizes completion of an Agreement milestone, they shall notify DOE of that fact in a timely manner. Such notification shall be in writing and shall provide the project manager's detailed rationale for the opinion. On receipt, DOE's project manager will reply in writing within 15 working days. Such reply will either assure that compliance is intact and that DOE's ability to meet Agreement milestones has not been unduly jeopardized, or will describe in detail, expected impact(s), causative factors, and action(s) DOE has/is taking in response.

Section 9.0

Table 9-1. Primary Documents

Waste/Material Stream Project Management (Work) Plans (see Action Plan Section 11.5).
(To be added to Table 9-1 of the Tri-Party Agreement)

Section 11.0

11.0 WORK SCHEDULE AND OTHER, WORK PLANS, AND ASSOCIATED REPORTS

11.1 INTRODUCTION

This section describes the format and content of the work schedule, supporting plans and reports, and the process for annual updates and other revisions. In addition, this section also identifies those primary documents that contain other schedules that directly support the work schedule.

The work schedule is contained in Appendix D. It includes the major and interim milestones and additional associated target dates that support the accomplishment of the major milestones described in Section 2.0. Both major and interim milestones are considered enforceable under the Agreement. Dates specified as target dates are incorporated in the work schedule for the purpose of tracking progress toward meeting milestones, and are not enforceable. Work plans and reports will specify additional target dates and milestones. Plans and reports prepared in support of Appendix D (milestone) requirements will specify more detailed work elements and interfaces between Hanford site programs and projects over time (See Sections 11.4 through 11.7).

Milestones and target dates will be incorporated into the Agreement via the change process defined in Section 12.0, upon issuance of the approved work plan (including Project Management (Work) Plan), or report, and incorporated into the work schedule as part of the revision update process. The work schedule will indicate actions required within each major milestone heading, and at each operable unit identified in Appendix C, or TSD group identified in Appendix B. Such actions include, but are not limited to, the following:

- Permitting activities
- Closures
- Groundwater monitoring
- Achieving compliance with interim status requirements
- Ceasing disposal of contaminated liquids to the soil column
- Investigations and characterization
- Remedial and corrective actions
- Technology improvements
- Acquisition of New new facilities, and/or modification of facilities as necessary, e.g., to enhance operations and eliminate long-term storage
- Land disposal restriction requirements

11.2 WORK SCHEDULE

A listing of major and interim milestones and associated target dates, current as of the last Agreement update, is provided in Appendix D.

11.3 WORK SCHEDULE UPDATES

The work schedule will be updated as necessary in order that printed copies of the Agreement remain reasonably current periodically. In addition, any approved Work schedule changes (see Section 12.0 for formal change control system) will be incorporated at this time if not previously incorporated. Each update will be performed as agreed by the three parties.

The work schedule may also be updated for clarity consistent with to incorporate previously approved changes made in accordance with Section 12.2. Such updates do not require approval signatures and are not subject to the public comment process.

11.4 DOE MULTI YEAR WORK PLANS AND SYSTEMS ENGINEERING CONTROL DOCUMENTS

Unless otherwise agreed to by the Parties, DOE Multi Year Work Plans (MYWP) and sitewide systems engineering control documents, shall be consistent with this Agreement, e.g., such plans and documents shall describe work necessary to maintain or achieve compliance with the RCRA, CERCLA, and the requirements of this Agreement. At the time such plans/control documents are submitted they shall describe in detail work to be done, e.g., project start and completion dates, interfaces between programs and projects, and performance standards to be met. Such plans/control documents shall include a DOE determination that they are consistent with the requirements of this Agreement.

11.5 WASTE/MATERIAL STREAM PROJECT MANAGEMENT (WORK) PLANS PREPARED UNDER AGREEMENT MILESTONE SERIES M-90-00, M-91-00, AND M-92-00

Waste/Material Stream Project Management (Work) Plans (PMP) described here serve as the key project defining document consistent with Project Hanford and the requirements of this Agreement. As such, these PMPs will detail project objectives, work schedule(s), and expected outputs, integration with other programs and projects and project management alternatives consistent with established Agreement and other project constraints.

PMPs prepared under Agreement/milestone series M-90-00, M-91-00 and M-92-00, will (with the exceptions noted below) be prepared, reviewed, and approved as primary documents to the extent they deal with waste streams regulated by Ecology and/or EPA (non-regulated nuclear materials are identified with the milestone prefix "MX" and are established pursuant to Article XLIX, and paragraph 155). At the time PMPs are submitted for approval, they shall describe in detail the work to be done and performance standards to be met. They shall also include critical path (implementation) schedule(s) with start and completion dates.

While the lead regulatory agency may review and comment on all elements of PMPs submitted pursuant to milestone series M-90-00, M-91-00, and M-92-00, neither Ecology nor EPA shall have approval authority for the PMP Funding Profile element, nor overall approval authority for Project Schedule and Critical Path Analysis, and Change Management elements. These elements shall be incorporated within the PMP as a distinct section or appendix. The Funding Profile shall include a life-cycle projection of annual funding required to accomplish project scope in accordance with the top-level WBS and schedule. The parties also agree that lead regulatory agency review and approval of PMP Schedule and Critical Path Analysis, and Change Management elements is required for the purpose of ensuring consistency with Agreement milestones. PMPs submitted to the lead regulatory agency under this subsection which deal with waste streams regulated by Ecology and/or EPA shall contain following elements:

- Project Goals and Objectives: a brief and concise statement documenting project objectives and requirements.
- Background: A description of key history, considerations, actions, and decisions leading to establishment of the project schedule. Elements will include the following:
 - (i) Physical information covering each identifiably different waste stream component (e.g., current inventories, component generation projections and component characterization data);

- (ii) Discussion of current commercial disposition activities if any;
 - (iii) A discussion of component and stream stability, and known and suspected instances of contaminant migration;
 - (iv) A summary of (and appropriate citation for) any earlier evaluation of management and disposition options for each waste stream; and,
 - (v) A discussion of specific applicable regulatory requirements, and expected impacts to the project.
- **Project Scope:** A concise definition of the project including:
 - (i) A description of facility(s)/unit(s) clearly delineating the physical boundaries of the project;
 - (ii) A description of the planned approach (i.e., actions) clearly delineating the action boundaries of the project;
 - (iii) A top-level work breakdown structure (WBS) with an appended WBS dictionary which includes a brief description of each WBS element; and,
 - (iv) Projected TSD capability relevant to management and disposition of each component. Capability information will include performance and specification requirements and projected capacity needs.
 - **Project Constraints, including established Agreement milestones:** A concise description of externally established schedule requirements (e.g., performance specifications, specified start date(s), finish date(s), or logical relationship) with an identification of their source(s) for the project.
 - **Schedule and Critical Path Analysis:** A logic-tied life-cycle schedule including major and interim milestones for the top-level work breakdown structure (WBS) and the project critical path. This is typically displayed as a milestone and critical path item listing and as an appended GANT chart.
 - **Key Deliverables/Products:** A description of key deliverables and products resulting from each top-level WBS element including critical performance parameters.
 - **Performance Measurement:** Documentation and description of specific performance measures (e.g. milestones and accomplishments) necessary to assess progress toward achieving project and management plan objectives.
 - **Project Control:** Identification of requirements and a summary description of the approach for each of the following:
 - (i) Project interface control (i.e., Site-Wide Systems Engineering); and,
 - (ii) Reporting and notification requirements and processes.
 - **Change Management:** Identification of change control requirements (e.g., thresholds). To include a summary description of the change control process, participants including their roles and responsibilities, and documentation.

Draft Agreement change requests, proposed for approval will be referenced, and attached as an appendix to the PMP. With the exception of Tank Waste Remediation System (TWRS) projects governed by Section 11.8 of this Agreement, each PMP shall identify completion dates for major tasks and deliverables as interim milestones. Milestones shall be set in a manner which fits the requirements of the work to be accomplished, with at least one milestone every twelve months, unless otherwise agreed to by the project managers.

Schedules may be constructed in a manner that allows tasks or deliverables which require or follow regulatory agency review to be due a fixed number of days after approval, rather than on a fixed date. The project managers will rely primarily on project schedules (e.g., reported progress and critical path analysis) for tracking purposes.

~~11.4~~ 11.6 OTHER WORK PLANS AND SUPPORTING SCHEDULES

Unless otherwise specified, other workplans, including ~~those~~ operable unit (OU) workplans prepared under the Hanford Past-Practice Investigation Strategy, shall be prepared, reviewed and approved as primary documents. At the time work plans are submitted for approval they shall describe in detail the work to be done and include the performance standards to be met. They shall also include an implementation schedule with start and completion dates. The work plan schedule shall identify completion dates for major tasks and deliverables as interim milestones. Milestones shall be set in a manner which fits the requirements of the work to be accomplished, with at least one milestone every twelve months, unless otherwise agreed to by the project managers. A change package shall be submitted with the work plan which identifies the interim milestones.

Schedules may be constructed in a manner that allows tasks or deliverables which require or follow regulatory agency review and approval to be due a fixed number of days after approval, rather than on a fixed date. The project managers will rely primarily on the supporting schedules for tracking progress.

Required work plans include:

- RI/FS work plan
- Remedial action work plan
- Closure plan
- RFI/CMS work plan
- CMI plan
- LFI work plan
- ERA work plans/EECA's.

~~These~~ ERA work plans/EECA's are not to be prepared, reviewed and approved as primary documents, but are subject to approval in accordance with Section 7.2.4 of the Action Plan. Additional detailed schedules, beyond those contained in the above plans, may be needed as agreed to by the assigned project managers to provide more definitive schedules to track progress. These may be part of other plans or may be stand-alone schedules.

~~11.5~~ OTHER WORK PLANS

In addition to the work plans previously described, other work plans may be developed for special situations at the request of the lead regulatory agency. These work plans will be considered primary documents as discussed in Section 9.1, and are subject to all work plan requirements, ~~including those identified above in Section 11.4~~.

~~11.6~~ 11.7 SUPPORTING TECHNICAL PLANS AND PROCEDURES

In addition to the requirements as specified in this Agreement, supporting technical plans and procedures may be developed by DOE. They will be reviewed for approval by EPA and Ecology as primary documents or reviewed as secondary documents as determined by EPA and Ecology. In the event that such supporting technical plans and procedures apply only to a specific operable unit, ~~project~~ TSD group/unit or milestone the lead regulatory agency will provide the necessary review and approval. The DOE may submit such plans or procedures at any time, without request of the regulatory agencies. The EPA or Ecology may also request that specific plans or procedures be developed or modified by DOE, consistent with Article XXX of the Agreement. These technical plans and procedures shall pertain to specific compliance and cleanup activities conducted pursuant to this Agreement and shall provide a detailed description of how certain requirements will be implemented at the Hanford Site. DOE shall comply with the most recent approved versions of these technical plans and procedures and those secondary documents which are in effect.

Appendix F contains a listing of current supporting technical plans and procedures and their respective status. Changes to Appendix F will be accomplished in accordance with Section 12.0. Appendix F will be updated annually in conjunction with the annual update to the Work Schedule.

~~11.7~~ 11.8 TANK WASTE REMEDIATION SYSTEM CRITICAL PATH PROCESS

Tank waste remediation milestones will be established using a critical path process as described in this section. The tank waste remediation program will be established and managed as an integrated system and shall include all activities associated with waste characterization, retrieval/closure, tank stabilization, pretreatment, treatment of high-level and low-level tank waste, acquisition of new tanks, and the multi-purpose storage complex. The parties will develop detailed operating procedures and implement the critical path milestone system on a trial basis, in April 1994, with full implementation by September 30, 1994.

- A. For the purposes of critical path analysis, negotiated dates for completion of single-shell tank waste retrieval, the final closure of single-shell tank farms, and completion of all high-level and low-level tank waste treatment shall be designated as program endpoints and shall be major milestones.
- B. Activities and associated schedules for this program shall be included in the Site Management System (SMS). All activities, milestones, and target dates necessary for tracking the program will be negotiated for inclusion in this Agreement. Activity definition will be based generally on SMS Level 0 schedules, but may in some instances include SMS Level 1. Based on a critical path analysis, any event appearing on the critical path shall be designated as either a major or an interim milestone. Any event not on the critical path shall be designated a target date.
- C. On a semi-annual basis, the integrated schedule shall be updated by the project managers or their designees and the critical path shall be re-evaluated. Updates shall be based on current Site Management System (SMS) information. Additional events falling on the critical path shall be designated as interim milestones. The integrated management schedule shall identify schedule float for each task. Schedule float shall be defined as the amount of time available before an activity becomes a critical path activity. Any activity found to be no longer on the critical path shall revert to target date status.

- D. The Department of Energy shall have the ability to reschedule any activity associated with a target date as necessary to efficiently manage the project, provided such movement shall not adversely affect the critical path or the program endpoints. Project managers shall be advised in advance in writing of any such changes.
- E. Changes to any activity or schedule which affects the critical path, a major or interim milestone, or program endpoints must be requested in accordance with Section 12.0 of the Action Plan.
- F. Based on the information in the monthly SMS report, the Department of Energy shall take all appropriate actions to correct schedule slips in critical path activities.

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Change Number M-90-96-01	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date DRAFT June 14, 1996
Originator Ecology/DOE		Phone
Class of Change <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> I - Signatories <input type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager </div>		
Change Title Creation of new Major milestone M-90-00 and its sub-elements governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, and/or disposal of treated and immobilized tank wastes ¹ .		
Description/Justification of Change Agreement Milestone M-33-00 was established to: (1) prompt the development of milestones necessary for the storage, treatment/processing, and disposal of Hanford site solid wastes and hazardous materials not yet covered under the <u>Hanford Federal Facility Agreement and Consent Order</u> (Agreement), and (2) prompt the development and incorporation of Agreement modifications designed to aid in achieving integrated management of all aspects of Hanford site "cleanup" (including but not limited to waste and materials management, remedial action, and site closure).		
Impact of Change These M-90-96-01 agreements are made in partial fulfillment of Land Disposal Restriction (LDR) treatment requirements of Agreement milestone M-26-00 (which constitutes an existing Agreement or Order for treatment of mixed waste for purposes of the Federal Facilities Compliance Act of 1992 (FFCA)), and as companion documentation to Land Disposal Restriction (LDR) documents submitted by DOE pursuant to Agreement milestone M-26-00. The Parties recognize and agree to establishment of additional schedules and milestones for completion of facility acquisition and for completion of treatment and disposal processes, as adequate information becomes available as determined by the lead regulatory agency or DOE. Approval of this change request by the Parties establishes a new major milestone, and associated interim milestones and target dates governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for: (1) the interim storage of Tank Waste Remediation System (TWRS) Immobilized High-Level Tank Waste (IHLW) and other canistered high level waste forms, and (2) for the interim storage and disposal of TWRS Immobilized Low-Activity Tank Waste (ILAW). On approval, Hanford site planning and budget development documents (e.g., Sitewide System Engineering control documents, Project Management Plans, and Multi Year Work Plans) will be modified accordingly.		
Affected Documents <u>Hanford Federal Facility Agreement and Consent Order</u> , as amended by its Sixth Amendment, February 1996, Hanford site internal planning and budget documents (e.g., Sitewide System Engineering control documents, Project Management Plans, and Multi Year Work Plans).		
Approvals <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> DOE _____ EPA _____ Ecology _____ </div> <div style="width: 30%;"> Date _____ Date _____ Date _____ </div> <div style="width: 30%;"> ___ Approved ___ Disapproved ___ Approved ___ Disapproved ___ Approved ___ Disapproved </div> </div>		

¹ This M-90-00 milestone covers those aspects of the Hanford Tank Waste Remediation System not within the scope of Agreement major milestones: M-20 (with the exceptions noted here), M-32, M-40, M-41, M-42, M-43, M-44, M-45, M-46, M-50, M-51, M-60, and M-61.

To meet these objectives the Parties have negotiated Agreement modifications under change request numbers L-96-01, M-90-96-01, M-91-96-01, and M-92-96-01.

This M-90-96-01 change request establishes a new major milestone (M-90-00 and its sub-elements) governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the interim storage of TWRS IHLW and other canistered high level waste forms, and for interim storage and disposal of TWRS ILAW. ILAW and IHLW Project Management Plans (PMP) described here have been agreed to based on the Parties recognition that milestones established by this M-90-96-01 change request will remain as constraints on PMP design and management of the project(s) themselves.

Major and interim milestones, and associated target dates established by approval of this change request are as follows:

M-90-00	Complete acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities as necessary for storage of Hanford site IHLW and ILAW, and disposal of ILAW.	TBE (6 months after approval of PMP)
M-90-01	Submit interim storage and disposal ILAW, and interim storage IHLW Project Management Plans (PMP) to Ecology pursuant to Agreement section 11.5.	December 1997
	The Hanford Site Immobilized Tank Waste PMPs will include all plan elements required by Agreement Action Plan section 11.5. They will also summarize results to date of the interim ILAW disposal facility Performance Assessment.	
M-90-02T	Complete ILAW interim storage facility conceptual design.	June 1998
M-90-03	Initiate ILAW interim storage facility construction.	June 2001
	Initiation of construction occurs when DOE or its contractors (as authorized) issues an Approval to Start Construction, and structural modification of an existing facility, or installation of structural components of a new facility commences.	
M-90-04T	Complete ILAW interim storage facility detailed design	June 2001
M-90-05T	Submit final ILAW disposal facility Performance Assessment to Ecology for review.	December 2001
M-90-06	Initiate hot operations of ILAW interim storage facility.	December 2002 ²
M-90-07T	Complete ILAW disposal facility conceptual design.	June 2000
M-90-08	Initiate ILAW disposal facility construction.	June 2003
	Initiation of construction occurs when DOE or its contractor (as authorized) issues an Approval to Start Construction, and modification of an existing facility, or installation of structural components of a new facility commences.	
M-90-09T	Complete ILAW disposal facility detailed design.	March 2003

2. Low Activity Waste units placed within these facilities will be designed so as to be retrievable if necessary.

M-90-10	Initiate hot operations of ILAW disposal facility.	December 2005 ³
M-90-11	Complete canister storage facility construction.	December 2002

Completion of this milestone requires the completion of all construction, internal/external facility(s) modifications and startup activities necessary for canister storage facility receipt of all phase I Hanford Site High Level Waste canisters from Tank Waste Remediation System (TWRS) processing. For purposes of this interim milestones phase I IHLW canister storage is defined as the capability for storage of at least 500 IHLW canisters. Interim milestones and associated target dates establishing work schedules for phase II IHLW canister storage will be established pursuant to the phase II Request for Proposal for TWRS privatization.

M-90-12	Submit revised canister storage facility Part A Dangerous Waste Permit application to Ecology pursuant to chapter 173-303 WAC.	June 1999
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3. Low Activity Waste units placed within these facilities will be designed so as to be retrievable if necessary.

Change Number M-91-96-01	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date DRAFT June 14, 1996
Originator Ecology/DOE		Phone
Class of Change <input checked="" type="checkbox"/> I - Signatories <input type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager		
Change Title Creation of new Major milestone M-91-96-01 and its sub-elements governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, processing, and disposal of Hanford site Transuranic and Transuranic Mixed Waste (TRU/TRUM), Low Level Mixed Waste (LLMW), and Greater than Category 3 (GTC3) Low Level Waste (LLW) ¹ and LLMW ² .		
Description/Justification of Change (See page 2)		
Impact of Change These M-91-96-01 agreements are made in partial fulfillment of Land Disposal Restriction (LDR) treatment requirements of Agreement milestone M-26-00 (which constitutes an existing Agreement or Order for treatment of mixed waste for purposes of the Federal Facilities Compliance Act of 1992 (FFCA)), and as companion documentation to Land Disposal Restriction (LDR) documents submitted by DOE pursuant to Agreement milestone M-26-00. The Parties recognize and agree to establishment of additional schedules and milestones for completion of facility acquisition and for completion of treatment and disposal processes, as adequate information becomes available as determined by the lead regulatory agency or DOE. Approval of this change request by the Parties establishes a new major milestone, and associated interim milestones, and target dates governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, processing, and disposal of Hanford site TRU/TRUM, LLMW, and GTC3. On approval, Hanford site planning and budget development documents (e.g., Sitewide System Engineering control documents, Project Management Plans and Multi Year Work Plans) will be modified accordingly.		
Affected Documents Hanford Federal Facility Agreement and Consent Order, Sixth Amendment, February 1996 (including Table D and Action Plan Work schedules), Hanford site internal planning and budget documents (e.g., Sitewide System Engineering control documents, Project Management Plans and Multi Year Work Plans).		
Approvals <div style="display: flex; justify-content: space-between; margin-bottom: 10px;"> <div>DOE _____</div> <div>Date _____</div> <div style="text-align: right;"> <input type="checkbox"/> Approved <input type="checkbox"/> Disapproved </div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 10px;"> <div>EPA _____</div> <div>Date _____</div> <div style="text-align: right;"> <input type="checkbox"/> Approved <input type="checkbox"/> Disapproved </div> </div> <div style="display: flex; justify-content: space-between;"> <div>Ecology _____</div> <div>Date _____</div> <div style="text-align: right;"> <input type="checkbox"/> Approved <input type="checkbox"/> Disapproved </div> </div>		

¹ This milestone refers only to storage in the instance of GTC3 LLW.

² This M-91-00 milestone covers those aspects of the Hanford site not within the scope of Agreement milestones: M-18, M-19, and M-20 (with the exception of those M-20 interim milestones noted here).

Agreement Milestone M-33-00 was established to: (1) prompt the development of milestones necessary for the storage, treatment/processing, and disposal of Hanford site solid wastes and hazardous materials not yet covered under the Hanford Federal Facility Agreement and Consent Order (Agreement), and (2) prompt the development and incorporation of Agreement modifications designed to aid in achieving integrated management of all aspects of Hanford site "cleanup" (including but not limited to waste and materials management, remedial action, and site closure).

To meet these objectives the Parties have negotiated Agreement modifications under change request numbers L-96-01, M-90-96-01, M-91-96-01, and M-92-96-01.

This M-91-96-01 change request establishes a new major milestone (M-91-00 and its sub-elements) governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, processing, and disposal of Hanford site TRU/TRUM, LLMW, and GTC3. TRU/TRUM, LLMW, and GTC3 Project Management Plans (PMP) described here have been agreed to based on the Parties' recognition that milestones established by this M-91-96-01 change request will remain as constraints on PMP design and management of the project(s) overall.

Major and interim milestones, and associated target dates established by approval of this change request are as follows:

Milestone	Description	Date
M-91-00	Complete the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for storage, treatment/processing, and disposal of all Hanford site TRU/TRUM, LLMW, and GTC3.	TBD ³
<u>TRANSURANIC AND TRANSURANIC MIXED WASTE</u>		
M-91-01	Complete the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for storage and treatment/processing prior to disposal of all Hanford site Post 1970 TRU/TRUM.	TBE (By December 2000) ⁴
M-91-02	Initiate processing of contact handled TRU/TRUM waste at Waste Receiving and Processing Facility/ WRAP1 (contact handled, small container).	December 1998
M-91-03	Submit Hanford Site TRU/TRUM Waste Project Management Plan (PMP) to Ecology pursuant to Agreement section 11.5.	June 2000
	The Hanford Site TRU/TRUM Waste PMP will include all plan elements required by Agreement Action Plan section 11.5. Approval of the TRU/TRUM PMP and accompanying Agreement change requests will establish all major project tasks and deliverables for treatment/storage of Hanford site TRU/TRUM including commercial sector management, modification of existing facilities, and construction of new facilities.	

3 Negotiation of schedules for facilities and/or facility modification which may be necessary for the management of Pre 1970 TRU/TRUM will be established following the issuance of Operable Unit Records of Decision (RODs).

4 The date for completion of M-91-01 will be determined after required technology has been determined through the TRU/TRUM PMP, but will be no later than December 2000.

M-91-96-01 Description/Justification of change cont.

June 14, 1996

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- M-91-04 Complete construction of small container Contact Handled (CH) TRU/TRUM retrieval facility(s) and initiate (Project W-113) retrieval of small container TRU/TRUM from 200 Area burial grounds. September 2000
- During initial facility operations, contact handled, small container integrity will be evaluated and data used in the further development of the retrieval campaign.
- M-91-05T Complete and submit TRU/TRUM retrieval and processing facility Engineering Study/Functional Design Criteria Study to Ecology. December 2002
- The TRU/TRUM engineering/functional design criteria study will cover activities/facilities not considered commercially viable as documented in the approved TRU/TRUM PMP and associated Agreement change requests.
- M-91-06T Award necessary privatized contracts for processing Remote Handled (RH) and Large Size TRU/TRUM. September 2003
- M-91-07 Complete Project W-113 for Post 1970 CH TRU/TRUM retrieval. September 2004
- M-91-08T Complete construction and initiate hot operations of RH and Large Size TRU/TRUM processing facility (A final acquisition schedule for this facility will be established as an interim milestone no later than December 2000). June 2005

LOW LEVEL MIXED WASTE

- M-91-09 Initiate operations at new Central Waste Complex storage facilities (Project W-112). June 1997
- M-91-10 Submit Hanford Site LLMW and Greater than Class C (GTC3) waste Project Management Plan (PMP) to Ecology pursuant to Agreement Action Plan section 11.5. June 1999
- The Hanford Site LLMW/GTC3 PMP will include all plan elements required by Agreement Action Plan section 11.5. Approval of the LLMW/GTC3 PMP and accompanying Agreement change requests will establish all major tasks and deliverables for treatment/storage/disposal of Hanford RH and large container CH LLMW, and storage of GTC3 waste including commercial sector management activities, construction of new facilities, and modification of existing facilities.
- M-91-11T Complete and submit LLMW treatment facility Engineering Study/Functional Design Criteria Study to Ecology. December 2000
- The LLMW treatment facility Engineering Study/Functional Design Criteria Study will cover activities/facilities not considered commercially viable as documented in the approved LLMW/GTC3 PMP and associated Agreement change requests.

M-91-96-01 Description/Justification of change cont.

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M-91-12	Initiate thermal treatment of currently stored and newly generated CH LLMW. At least 600 cubic meters will be provided for treatment by December 2005.	December 2000
M-91-13	Initiate disposal of CH LLMW.	June 2001
M-91-14T	Award commercialization contract(s) for treatment of RH and Large Size LLMW per approved LLMW/GTC3 PMP and associated Agreement change requests.	October 2003
M-91-15	Complete acquisition of facilities and initiate treatment of RH and large container (CH) LLMW.	June 2008

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Change Number M-92-96-01	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date DRAFT June 14, 1996
Originator Ecology/DOE		Phone
Class of Change <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> I - Signatories <input type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager </div>		
Change Title Creation of new Major milestone M-92-00 and its sub-elements governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, treatment/processing, and disposal of Hanford site Cesium and Strontium capsules (Cs/Sr), Unirradiated Uranium (UU), Bulk Sodium (Na), and 300 Area Special Case Waste (SCW).		
Description/Justification of Change Agreement Milestone M-33-00 was established to: (1) prompt the development of milestones necessary for the storage, treatment/processing and disposal of Hanford site solid wastes and hazardous materials not yet covered under the <u>Hanford Federal Facility Agreement and Consent Order</u> (Agreement), and (2) prompt the development and incorporation of Agreement modifications designed to aid in achieving integrated management of all aspects of Hanford site "cleanup" (including but not limited to waste and materials management, remedial action, and site closure).		
Impact of Change These M-92-96-01 agreements are made in partial fulfillment of Land Disposal Restriction (LDR) treatment requirements of Agreement milestone M-26-00 (which constitutes an existing Agreement or Order for treatment of mixed waste for purposes of the Federal Facilities Compliance Act of 1992 (FFCA)), and as companion documentation to Land Disposal Restriction (LDR) documents submitted by DOE pursuant to Agreement milestone M-26-00. The Parties recognize and agree to establishment of additional schedules and milestones for completion of facility acquisition and for completion of treatment and disposal processes, as adequate information becomes available as determined by the lead regulatory agency or DOE. Approval of this change request by the Parties establishes a new major milestone, and associated interim milestones and target dates governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities for the storage, treatment/processing, and disposal of Hanford site Cesium and Strontium capsules (Cs/Sr), Unirradiated Uranium (UU), Bulk Sodium (Na), and 300 Area Special Case Waste (SCW). On approval, Hanford site planning and budget development documents (e.g., Sitewide System Engineering control documents, Project Management Plans, and Multi Year Work Plans) will be modified accordingly.		
Affected Documents <u>Hanford Federal Facility Agreement and Consent Order</u> , as amended by its Sixth Amendment, February 1996), Hanford site internal planning and budget documents (e.g., Sitewide System Engineering control documents, Project Management Plans, and Multi Year Work Plans).		
Approvals <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> DOE _____ EPA _____ Ecology _____ </div> <div style="width: 30%;"> Date _____ Date _____ Date _____ </div> <div style="width: 30%;"> ___ Approved ___ Disapproved ___ Approved ___ Disapproved ___ Approved ___ Disapproved </div> </div>		

To meet these objectives the Parties have negotiated Agreement modifications under change request numbers L-96-01, M-90-96-01, M-91-96-01, and M-92-96-01.

This M-92-96-01 change request establishes a new major milestone (M-92-00 and its sub-elements) governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, treatment/processing, and disposal of Hanford site Cesium and Strontium capsules (Cs/Sr), Unirradiated Uranium (UU), Bulk Sodium (Na), and 300 Area Special Case Waste (SCW). Cs/Sr, Na, and SCW Project Management Plans (PMP) described here have been agreed to based on the Parties recognition that milestones established by this M-92-96-01 change request will remain as constraints on PMP design and management of the projects themselves. It is also noted that in the instance of Hanford site Cs/Sr capsules (see milestones M-92-01 through M-92-05) such capsules would not be solid wastes when they can be shown to be recycled by being used or reused as effective substitutes for commercial products as provided in chapter 173.303.017 WAC.

Major and interim milestones, and associated target dates established by approval of this change request are as follows:

M-92-00	Complete acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, treatment/processing, and disposal of Hanford site Cesium and Strontium capsules (Cs/Sr), bulk Sodium (Na), and 300 Area Special Case Waste (SCW).	TBE (by October 1998)
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CESIUM AND STRONTIUM CAPSULES (Cs/Sr)

M-92-01	Complete commercial disposition and/or acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for sitewide consolidation, and storage prior to commercial use, or treatment and/or repackaging by DOE TWRS.	December 2009
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Completion of this milestone requires the completion of commercial disposition and/or all construction, internal/external facility(s) modifications, and startup activities necessary for the treatment /processing, repackaging (if necessary), and storage of Cs/Sr (to include unencapsulated salts) located at the: (1) ARECO facility in Lynchberg VA (25 capsules), (2) Hanford 300 Area (13 capsules at the 327 pool facility and excess Cs/Sr salts at the 324 facility), and (3) Hanford Waste Encapsulation and Storage Facility (WESF) in the 200 East Area.

M-92-02	Submit Hanford Site Cs/Sr Project Management Plan (PMP) to Ecology pursuant to Agreement Action Plan section 11.5.	September 1997
	The Hanford Site Cs/Sr PMP will include all plan elements required by Agreement Action Plan section 11.5 (to include a final feasibility evaluation and determination regarding vitrification of 300 Area Cs/Sr at the 324 melter). Approval of the Cs/Sr PMP and accompanying Agreement change requests will establish all major project tasks and deliverables for treatment, storage, disposal of Hanford Cs/Sr including commercial sector management activities, modification of existing facilities, and/or construction of new facilities.	
M-92-03	Submit modified Hanford facility Part A permit application to Ecology incorporating all Hanford site Cs/Sr capsules (300 Area and unencapsulated salts) for which a commercialization contract has not been executed.	December 1997
M-92-04	Complete transfer of all 300 Area Cs/Sr to WESF and/or an approved storage location.	December 1998
M-92-05	Inclusion of Hanford site Cs/Sr "treatment and/or repackaging parameters" in DOE TWRS phase II Request For Proposals (treatment and/or repackaging of all remaining Cs/Sr).	June 2003

UNIRRADIATED URANIUM

MX-92-06T	Complete commercial disposition and/or the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for storage, treatment/processing, and disposal/disposition of all Hanford site UU.	December 2000
	This target date includes all UU located in 300 Area Fuel Supply Facilities (Uranium dioxide powder and pellets stored in cans, pins, assemblies, and drums), Uranium Trioxide (UO3) powder stored in T-hoppers adjacent to the U Plant, depleted UO3 stored in 55 gallon drums in the 200 West Area and the 4713 building.	
MX-92-07T	Submit Hanford Site UU Project Management Plan (PMP) to Ecology pursuant to Agreement Action Plan section 11.5.	December 1997
	The UU PMP and accompanying Agreement change requests will establish all major project tasks and deliverables for treatment, storage, disposal of Hanford UU including sale or commercial sector management activities, modification of existing facilities, and/or construction of new facilities.	

MX-92-08T Submit Hanford site UU Disposition Assessment Report. June 1998

The Hanford Site UU Disposition Assessment Report shall include a facility needs assessment should UU treatment, repackaging, and/or consolidation be necessary. This report shall also include an assessment of expected impacts on other Agreement projects.

SODIUM

M-92-09 Complete acquisition of new facilities; modification of existing facilities, and/or modification of planned facilities necessary for storage, treatment/processing, and disposal of Hanford site sodium. TBE (by October 1998)

M-92-10 Submit Hanford Site Sodium Project Management Plan (PMP) to Ecology pursuant to Agreement Action Plan section 11.5. October 1998

The Hanford Site Sodium PMP will include all plan elements required by Agreement Action Plan section 11.5.

Should DOE determine (pursuant to the Hanford Site Sodium PMP and Agreement interim milestone M-50-03) that TWRS use of Hanford Site radioactive sodium (FFTF, Hallam & Sodium Reaction Experiment) is warranted, it shall specify in its TWRS, High Level Waste Vitrification Plant Request For Proposal(s) that use of Hanford site radioactive sodium is a requirement.

Should the Hanford Site PMP and findings pursuant to Agreement interim milestone M-50-03 determine that TWRS use of Hanford site radioactive sodium is not warranted DOE shall issue accompanying proposed Agreement change requests for alternate Hanford Site radioactive sodium disposition (e.g., necessary milestones and target dates associated with the construction of the sodium reaction facility). See also Agreement target date M-81-02-T01.

MX-92-11T Complete disposition options for all Hanford non-radioactive sodium. March 2002

	Associated interim milestones and/or target dates established under other Agreement major milestones.	
M-81-02-T01 (Revised)	Submit Final Sodium Disposition Evaluation Report/ Decision Point	June 1998
From TPA Amendment V	Under this target DOE will submit its final report following evaluation of the acceptable sodium product form for the TWRS tank sludge pretreatment process (i.e., caustic washing). This evaluation will be conducted in concert with TWRS TPA milestone M-50-03 (due date March 31, 1998). This Hanford Site radioactive (FFTF, Hallam, and Sodium Reaction Experiment) sodium evaluation will address other conversion options for disposal of the sodium if the product use for TWRS is not viable. Regardless of which option is selected, a new sodium reaction facility will be constructed adjacent to the sodium storage facility to convert the bulk metallic sodium to the appropriate chemical form. This report will include a decision on the final disposition of the Hanford Site radioactive sodium (e.g., disposal or reuse). Appropriate milestones and target dates will be established for construction and operation of the sodium reaction facility based on the option selected.	
300 AREA SPECIAL CASE WASTE*		
<i>* (See attached inventory listing for description)</i>		
M-92-12	Complete acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for consolidated storage prior to disposal of Hanford site 300 Area Special Case Waste (SCW).	September 2006
M-92-13	Submit 300 Area SCW Project Management Plan (PMP) to Ecology pursuant to Agreement Action Plan section 11.5.	September 2000
	The 300 Area SCW PMP will include all plan elements required by Agreement Action Plan section 11.5. including but not limited to: (i) 300 Area SCW wastes and materials inventory (buildings 325, 327, and other 300 Area buildings/facilities), (ii) characterization and hazardous waste designation results associated with inventory wastes and materials, (iii) detailed descriptions of phases I,II, and III SCW removal, transport and storage, and (iv) an analysis of the sufficiency of site wide SCW storage capabilities.	
M-92-14	Complete removal and transfer, and initiate storage of phase I 300 Area SCW waste and materials.	September 2002
	Phase I inventory will consist of, at minimum, one-third the total curie content of all 300 Area SCW.	

M-92-96-01 Description/Justification of change cont.

June 14, 1996

Page 6.

- | | | |
|---------|------------------------------------------------------------------------------------------------------|----------------|
| M-92-15 | Complete removal and transfer, and initiate storage of phase II 300 Area SCW waste and materials. | September 2004 |
| | Phase II inventory will consist of, at minimum, half of the remaining curie content of 300 Area SCW. | |
| M-92-16 | Complete removal and transfer, and initiate storage of phase III 300 Area SCW wastes and materials. | September 2006 |
| | Phase III inventory will consist of any remaining 300 Area SCW wastes and materials. | |

Associated interim milestones established under other TPA major milestones.

- | | | |
|---------|-----------------------------------------------------------------|-----------|
| M-89-05 | Complete 324 Facility SCW Assessment in support of 324 closure. | June 1998 |
|---------|-----------------------------------------------------------------|-----------|

(Reference
TPA
Amendment
V)

A:\M929601.614

Change Number M-20-96-02	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date D R A F T June 14, 1996
Originator Ecology/ DOE		Phone
Class of Change <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> I - Signatories <input type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager </div>		
Change Title Modification of Major Milestone M-20-00 and establishment of M-20-00 interim milestones in support of Major Milestone M-90-00 (see change request M-90-96-01) (governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, and/or disposal of treated and immobilized tank wastes ¹).		
Description/Justification of Change Agreement Milestone M-33-00 was established to: (1) prompt the development of milestones necessary for the storage, treatment/processing, and disposal of Hanford site solid wastes and hazardous materials not yet covered under the <u>Hanford Federal Facility Agreement and Consent Order</u> (Agreement), and (2) prompt the development and incorporation of Agreement modifications designed to aid in achieving integrated management of all aspects of Hanford site "cleanup" (including but not limited to waste and materials management, remedial action, and site closure).		
Impact of Change Approval of this change request by the Parties modifies major milestone M-20-00, and establishes new interim milestones under major milestone M-20-00 in support of new major milestone M-90-00 governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for: (1) the interim storage of Tank Waste Remediation System (TWRS) Immobilized High-Level Tank Waste (IHLW) and other canistered high level waste forms, and (2) for the interim storage and disposal of TWRS Immobilized Low-Activity Tank Waste (ILAW). On approval, Hanford site planning and budget development documents (e.g., Sitewide System Engineering control documents, Project Management Plans, and Multi Year Work Plans) will be modified accordingly.		
Affected Documents <u>Hanford Federal Facility Agreement and Consent Order</u> , Sixth Amendment, February 1996 (including Table D and Action Plan Work schedules), Hanford site internal planning and budget documents (e.g., Sitewide System Engineering control documents, Project Management Plans and Multi Year Work Plans).		
Approvals <div style="display: flex; justify-content: space-between; margin-bottom: 10px;"> <div style="width: 30%;">DOE _____</div> <div style="width: 15%;">Date _____</div> <div style="width: 30%;">___ Approved ___ Disapproved</div> <div style="width: 25%;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 10px;"> <div style="width: 30%;">EPA _____</div> <div style="width: 15%;">Date _____</div> <div style="width: 30%;">___ Approved ___ Disapproved</div> <div style="width: 25%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">Ecology _____</div> <div style="width: 15%;">Date _____</div> <div style="width: 30%;">___ Approved ___ Disapproved</div> <div style="width: 25%;"></div> </div>		

Description/Justification of Change (continued)

In support of new Major Milestone M-90-00, Major Milestone M-20-00 is modified as follows:

M-20-00	Submit Part B permit applications or closure\post closure plans for all RCRA TSD units. Permit applications, closure, and post-closure plans will be submitted to Ecology and/or EPA for approval in accordance with their respective authorities. Individual unit submittals (enforceable as interim milestones) will occur as shown in appendix D.	2/28/2000 12/31/2003
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Preclosure work pans will be prepared and submitted for approval for TSD units which will achieve closure in conjunction with the disposition of the facility in which they are contained.

In support of new Major Milestone M-90-00, new interim milestones under Major Milestone M-20-00 are established as follows:

M-20-56	Submit canister storage facility Part B Dangerous Waste Permit application to Ecology.	Dec. 2000
M-20-57	Submit interim ILAW facility Part B permit application to Ecology.	Dec. 2000
M-20-58	Submit LAW disposal facility Part B Permit application to Ecology.	Dec. 2003

WRAP I - WRAP II

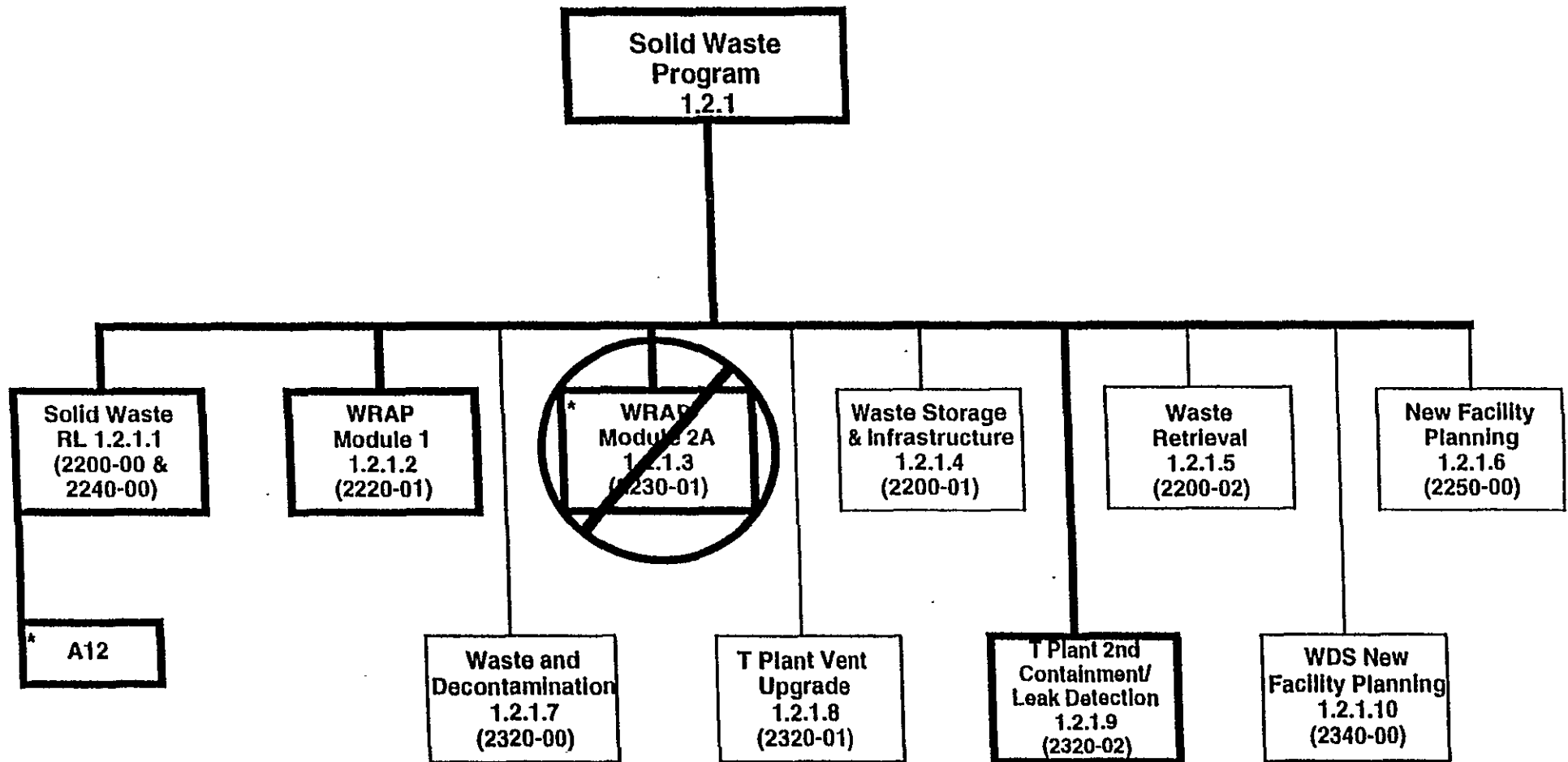
M-18-00 & M-19-00

WASTE PROGRAMS DIVISION

R. F. Guercia

May 1996

Work Breakdown Structure

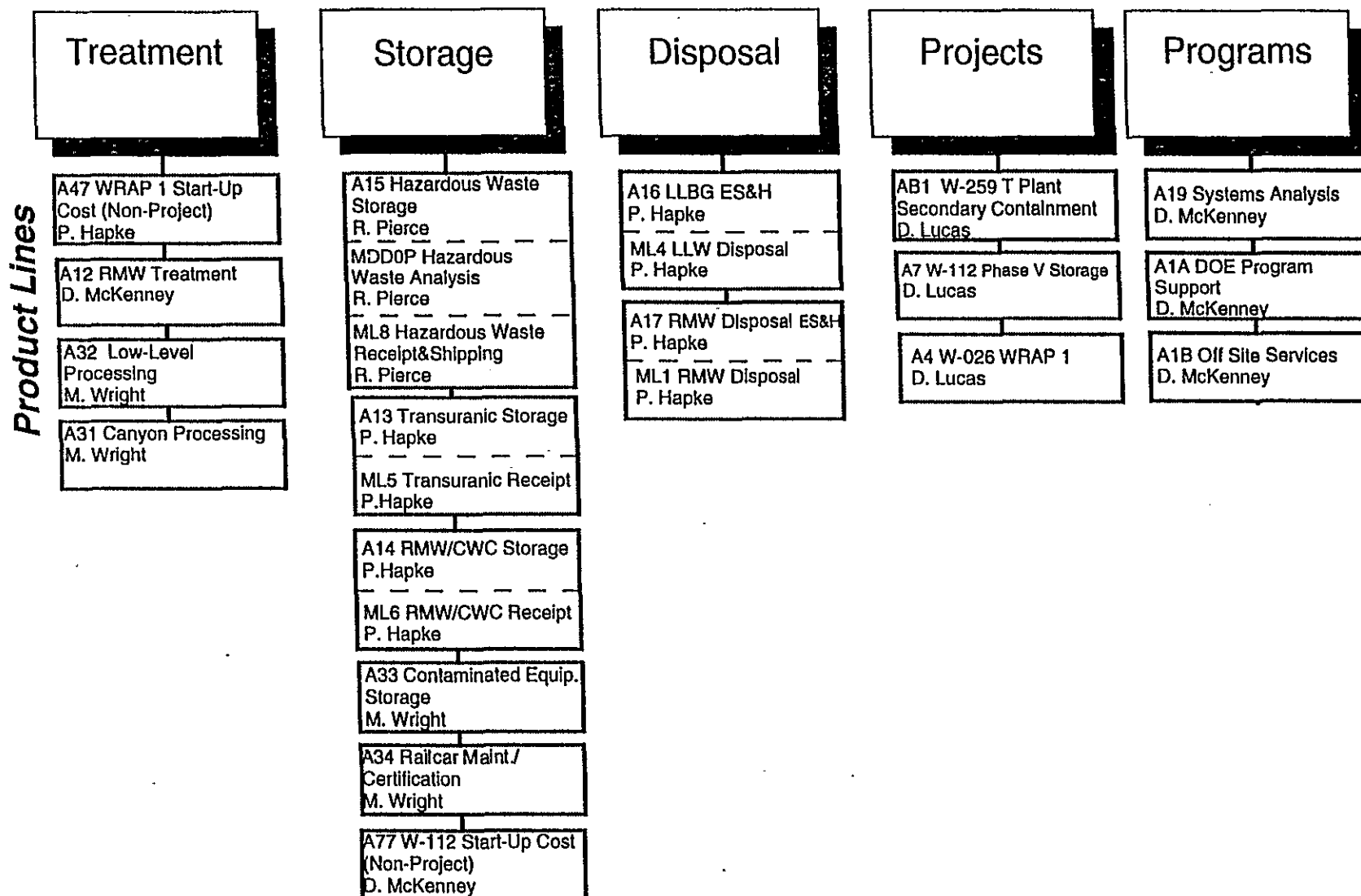


*WRAP 2A has been terminated. The M-19 change request is in process to replace WRAP 2A treatment capability with commercial treatment services.

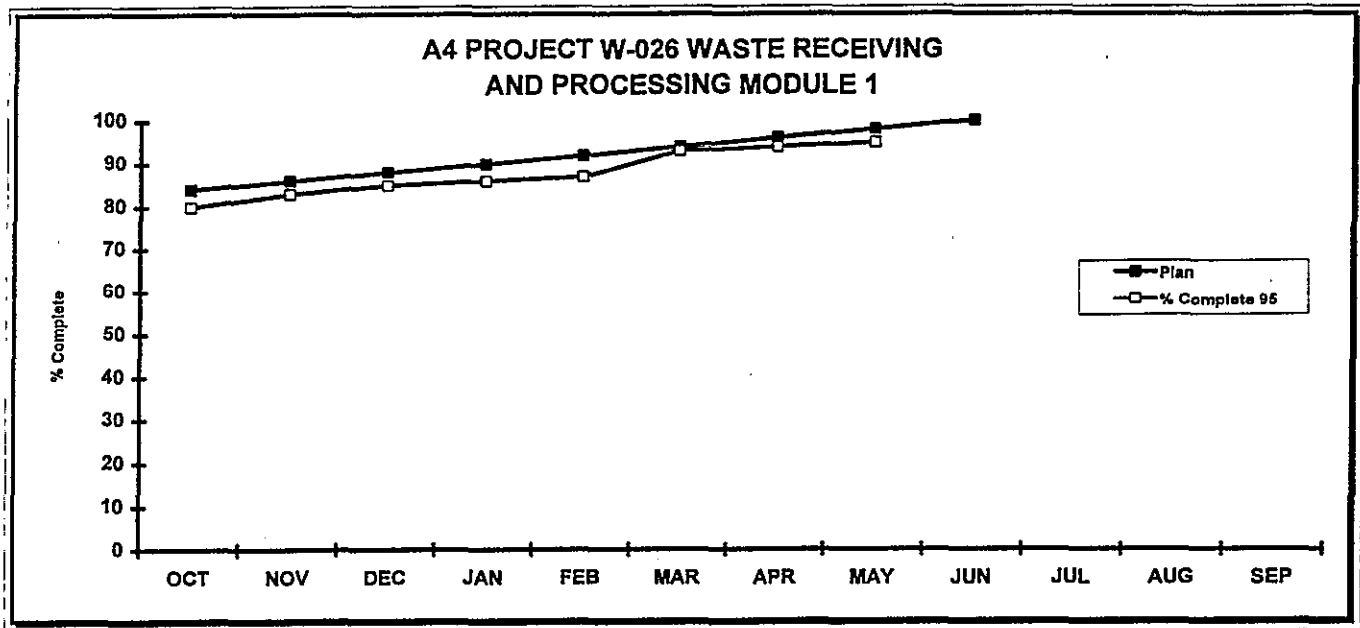
FY 1996 Solid Waste Program

Product Lines

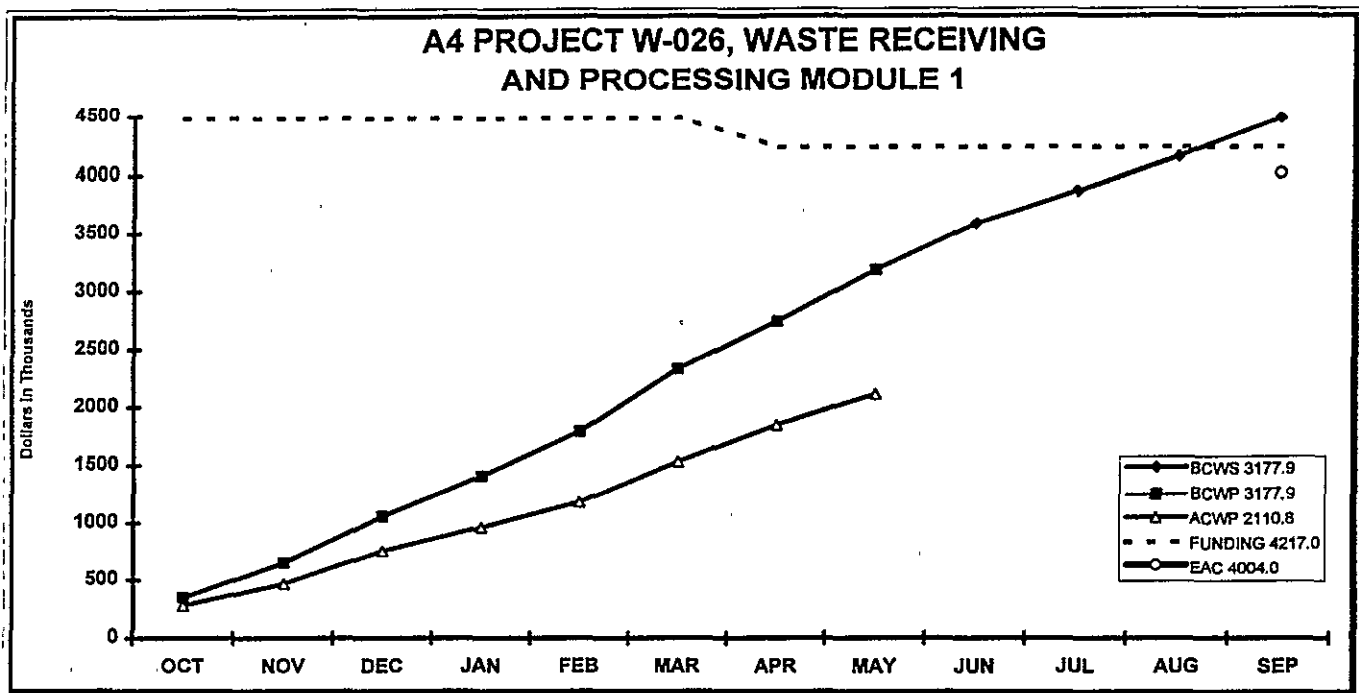
Product Groups



SWD PRODUCT LINES FY 1996



Complete construction of WRAP 1 by June 30, 1996.

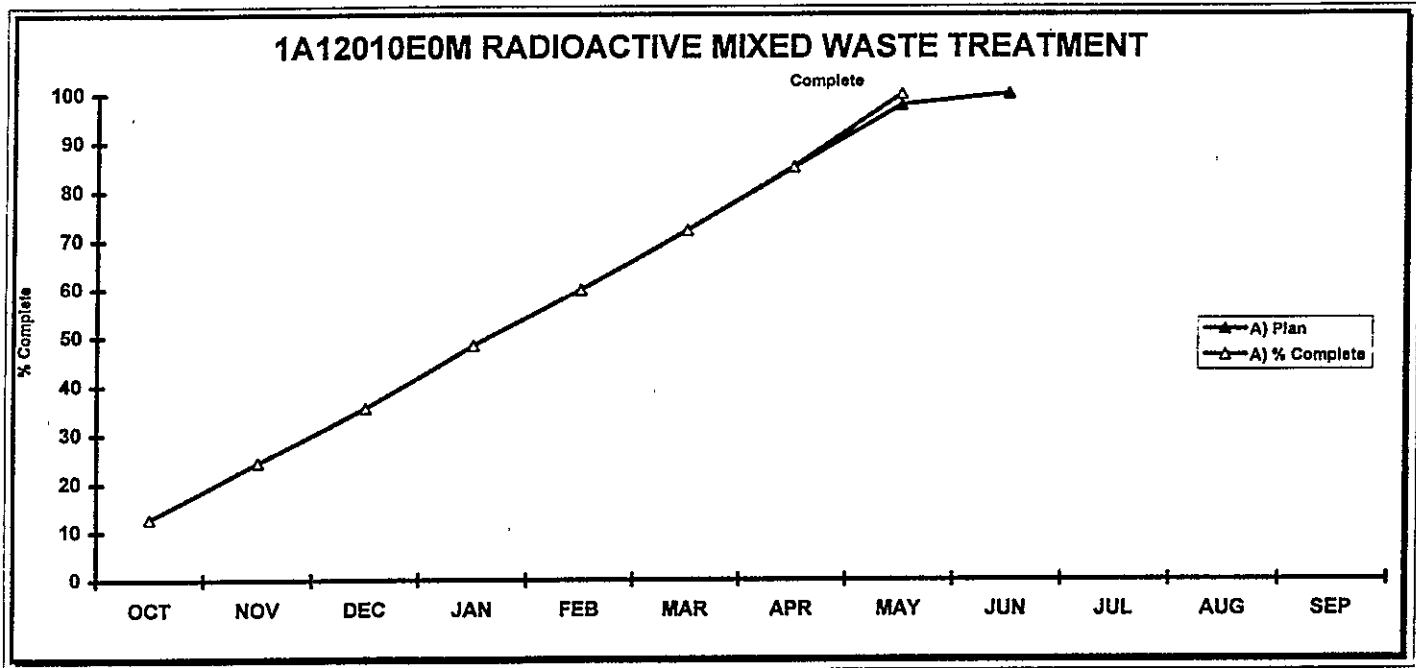


CUM BCWS	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.
	348	651	1058	1404	1787	2332	2738	3178	3580	3859	4140	4477
CUM BCWP	348	651	1058	1404	1787	2332	2738	3178				
CUM ACWP	281	468	756	963	1181	1527	1840	2111				

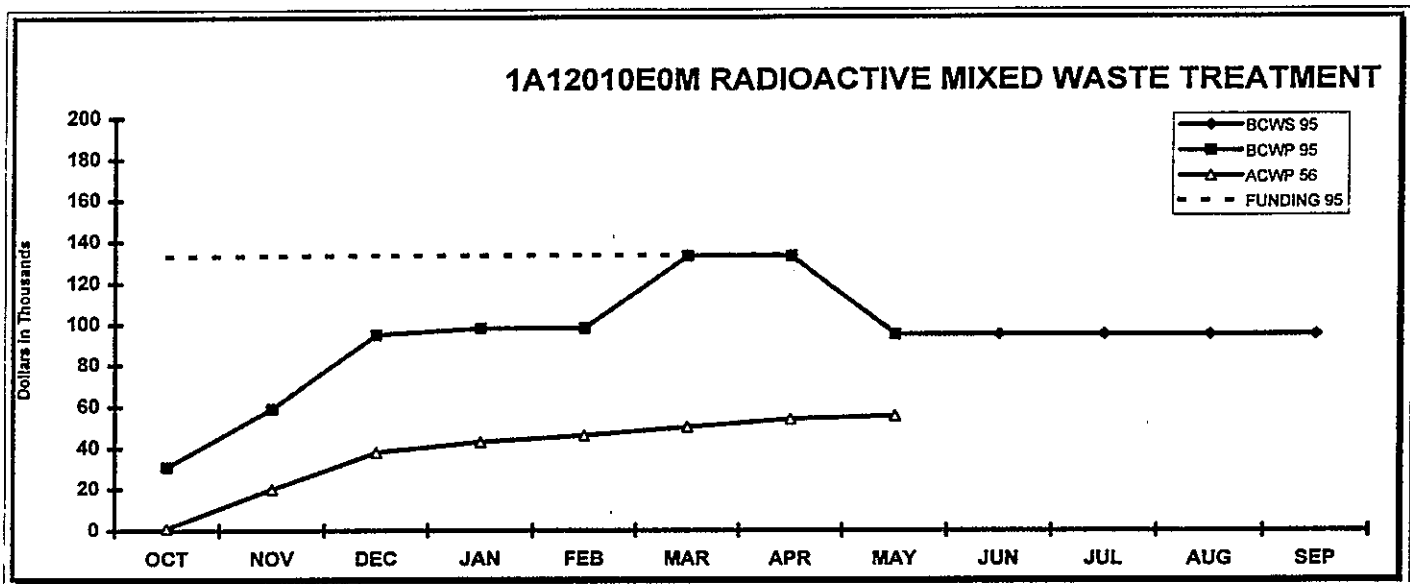
May 1996

Contact: PL Hapke

SWD PRODUCT LINES FY 1996



Issue WHC-approved radioactive mixed waste stabilization purchase order by 06-14-96.



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
CUM BCWS	31	59	95	98	98	133	133	95	95	95	95	95
CUM BCWP	31	59	95	98	98	133	133	95				
CUM ACWP	1	20	38	43	46	50	54	56				

May 1996

Contact: DE McKenney

**SITE MANAGEMENT
SYSTEM**

**WESTINGHOUSE HANFORD COMPANY
1.2.1 SOLID WASTE PROGRAM**

MAY 1996

MILESTONE EXCEPTION REPORT

FUTURE MILESTONES IN JEOPARDY

<u>Number</u>	<u>Type</u>	<u>Title</u>	<u>Scheduled Date</u>	<u>Forecast Completion Date</u>	<u>Cause/Impact Recovery Plan</u>
M-19-01	TPA	Complete WRAP 2A construction	9/30/98	Deleted	CR M-19-95-01 will delete M-19-01 in favor of other treatment strategies including commercial treatment.
M-19-00	TPA	Complete WRAP 2A construction and initiate operations.	9/30/99	9/30/99	Commercial treatment will begin 9/30/99, replacing milestone M-19-00.

NOTE: CR M-19-95-01 has been agreed to by the regulators and is in the formal approval process. The 45-day public comment period will end on June 6, 1996.

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1996
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PROGRAM ACCOMPLISHMENTS

<u>WBS</u>	
1.2.1.2	<p><u>WRAP 1 (2336-W FACILITY)</u></p> <p>Plant Control System (PCS) has been installed and the interfaces with other facility systems is being tested.</p> <p>All of the components for drum and box nondestructive examination (NDE) have been installed and acceptance testing is underway.</p> <p>All four drum assay systems have been installed in the facility and acceptance testing is underway.</p> <p>The Part B Permit workshops with Ecology are continuing with meetings at least once per month.</p> <p>All major glovebox components are installed and undergoing functional testing. The Package Assay Monitor is complete and undergoing final calibration and testing at Los Alamos prior to delivery and installation during the week of June 24, 1996.</p>

**SITE MANAGEMENT
SYSTEM**

**WESTINGHOUSE HANFORD COMPANY
1.2.1 SOLID WASTE PROGRAM**

MAY 1996

1.2.1.3

WRAP 2A

The final version of the Tri-Party Agreement CR M-19-95-01 has been negotiated with Ecology and EPA, and the CR is in the formal approval process. The CR allows treatment and/or disposal alternatives to WRAP 2A that will result in starting treatment within the time allotted to WRAP 2A, and treating waste quantities that exceed those planned for WRAP 2A.

RL is in the process of conducting a thorough technical review of the scope of the LLMW Stabilization Services procurement. Accordingly, RL and Ecology are reviewing the due date for target milestone M-19-01-T02 which relates to award of the stabilization services contract. RL will continue on a path to meet all other M-19 milestones as they exist in the current M-19 change request package.

**SITE MANAGEMENT
SYSTEM**

**WESTINGHOUSE HANFORD COMPANY
1.2.1 SOLID WASTE PROGRAM**

MAY 1996

EXPENSE COST PERFORMANCE

(\$ In Millions)

WBS (ADS)	FY TO DATE					AT COMPLETION					COMMENTS
	BUDGETED COST		ACTUAL COST	VARIANCE		BAC (1)	EAC (2)	FYSF (3)	EXPECTED FUNDS FY96 (4)	PROJECTED CARRYOVER WORKSCOPE	
	WORK SCHED	WORK PERF	WORK PERF	SCHED	COST	BCWS					
1.2.1.2 WRAP 1 (2220-01)	7.4	7.4	4.1	0.0	3.3	11.6	11.6	8.4	10.2	1.8	Project terminated
1.2.1.3 WRAP 2A (2230-01)	0	0	0	0.0	0	0			0		
TOTAL	7.4	7.4	4.1	0	3.3	11.6	11.6	8.4	10.2	1.8	

NOTES:

(1) BAC represents BCWS.

(2) Expected Funds include carryover \$0.3M.

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1996
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EXPENSE SCHEDULE VARIANCE ANALYSIS

WBS (WBS)	SCHEDULE VARIANCE \$1.7M	
1.2.1	<u>(Description and Cause):</u> No current variance.	<u>(Impacts and Corrective Action:)</u>

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1996
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EXPENSE COST VARIANCE ANALYSIS

WBS (ADS)	COST VARIANCE (\$3.3M)	
1.2.1	<u>(Description and Cause:)</u> Cost variance due to cost savings initiatives and withheld progress payments to contractor.	<u>(Impacts and Corrective Action:)</u> No impacts or corrective action required.

**SITE MANAGEMENT
SYSTEM**

**WESTINGHOUSE HANFORD COMPANY
1.2.1 SOLID WASTE PROGRAM**

MAY 1996

CENRTC COST PERFORMANCE

(\$ In Thousands)

WBS (ADS)	PROJECT-TO-DATE					TOTAL B/A	COMMITTED (P/O, W/O)	UNCOMMITTED	COMMENTS
	BUDGETED COST		ACTUAL COST	VARIANCE					
	WORK SCHED	WORK PERF	WORK PERF	SCHED	COST				
1.2.1.2 (2220-01) WRAP Module 1	433.9	438.7	373.7	4.8	65.0	447.7	74.7	(.7)	
1.2.1.3 (2230-01) WRAP Module 2	272.2	272.2	272.2	0.0	0.0	272.2	0.0	0.0	Class I change request was approved to transfer closeout balance to ADS 2200-0.
TOTAL	706.1	710.9	645.9	4.8	65.0	719.9	74.7	(.7)	

NOTES: (1) Commitments include 15 percent G&A/SWS adder.

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1996
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CONSTRUCTION COST PERFORMANCE

(\$ In Millions)

WBS (ADS)	PROJECT TO DATE					AMOUNT AUTH. TO DATE	AT COMPLETION (PROJECT)		COMMENTS
	BUDGETED COST		ACTUAL COST	VARIANCE			TOTAL ESTIMATED COST	PRESENT WORKING ESTIMATE	
	WORK SCHED	WORK PERF	WORK PERF	SCHED	COST				
1.2.1.2 WRAP 1 (2220-01)	52.6	50.9	50.0	(1.7)	.9	53.6	53.6	53.6	
1.2.1.3 WRAP 2A (2230-01)	4.9	4.3	4.5	(0.6)	(0.2)	5.6	4.9	4.9	Project terminated.
TOTAL	57.5	55.2	54.5	(2.3)	.7	59.2	58.5	58.5	

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1996
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CONSTRUCTION SCHEDULE VARIANCE ANALYSIS

WBS (ADS)	SCHEDULE VARIANCE \$(2.3M)	
1.2.1	<u>(Description and Cause:)</u> Variance is within established thresholds.	<u>(Impacts and Corrective Action:)</u>

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1996
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CONSTRUCTION COST VARIANCE ANALYSIS

WBS (WBS)	COST VARIANCE \$.7M	
1.2.1	<u>(Description and Cause:)</u> Variance is within established thresholds.	<u>(Impacts and Corrective Action:)</u>

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1996
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ISSUES

WBS NO.	DATE IDENT	ISSUE	IMPACT	STATUS
1.2.1.2		<u>WRAP 1 CONSTRUCTION SCHEDULE</u> The current schedule supports construction completion as defined in the Unit Managers' Meeting minutes on or before 6/30/96.	Tri-Party Agreement Milestone M-18-01, "Complete Construction of WRAP Module 1" is changed from 3/31/96 to 6/30/96. The major milestone, M-18-00, Initiate WRAP 1 Operation by 3/31/97, will not be impacted by this change.	CR M-18-95-01 has been approved by Ecology. The CR revises the due date for milestone M-18-01 to 6/30/96. This issue is resolved.

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1996
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ISSUES

WBS NO.	DATE IDENT	ISSUE	IMPACT	STATUS
1.2.1.3	10/94	<p><u>WRAP 2A HAS BEEN TERMINATED</u></p> <p>CR M-19-95-01 proposes alternatives to constructing WRAP 2A, including commercial treatment.</p>	<p>The change request proposes treatment and/or disposal alternatives that will result in starting treatment within the time allotted to WRAP 2A, and treating waste quantities that meet or exceed those planned for WRAP 2A.</p>	<p>The FY 1996 MYPP contains funds adequate to support CR M-19-95-01 as submitted to Ecology. The CR has been verbally approved by Ecology and is in the formal approval process. The 45-day public comment period ends on June 6, 1996.</p> <p>RL is in the process of a thorough technical review of the scope of the LLMW Stabilization Services procurement. Accordingly, RL and Ecology are reviewing the due date for target milestone M-19-01-T02 which relates to award of the stabilization services contract. RL will continue on a path to meet all other M-19 milestones as they exist in the current M-19 change request package.</p>

Install RCRA Groundwater Wells

Milestone M-24-00

M.J. Furman

RCRA & Operational Monitoring

JUNE 25, 1996

Install RCRA Groundwater Wells Milestone M-24-00

PROGRAM MANAGER'S ASSESSMENT

WBS	PROGRAM ELEMENT	ES&H COMPLIANCE	CUSTOMER	TECHNICAL	SCHEDULE	COST	COMMENTS
1.5.3.2	RCRA Groundwater Well Installation	N/A	□	□	◇	◇	Calendar Year 1996 Drilling to start in July

<u>LEGEND</u>			
<u>RATING GRADIENT SYMBOLS</u>		<u>INDICATORS</u>	
■	Outstanding	+	Improved from last month
□	Good	--	Worsened from last month
◇	Satisfactory	↑	Improved future outlook
◐	Marginal	↓	Worsened future outlook
●	Unsatisfactory		

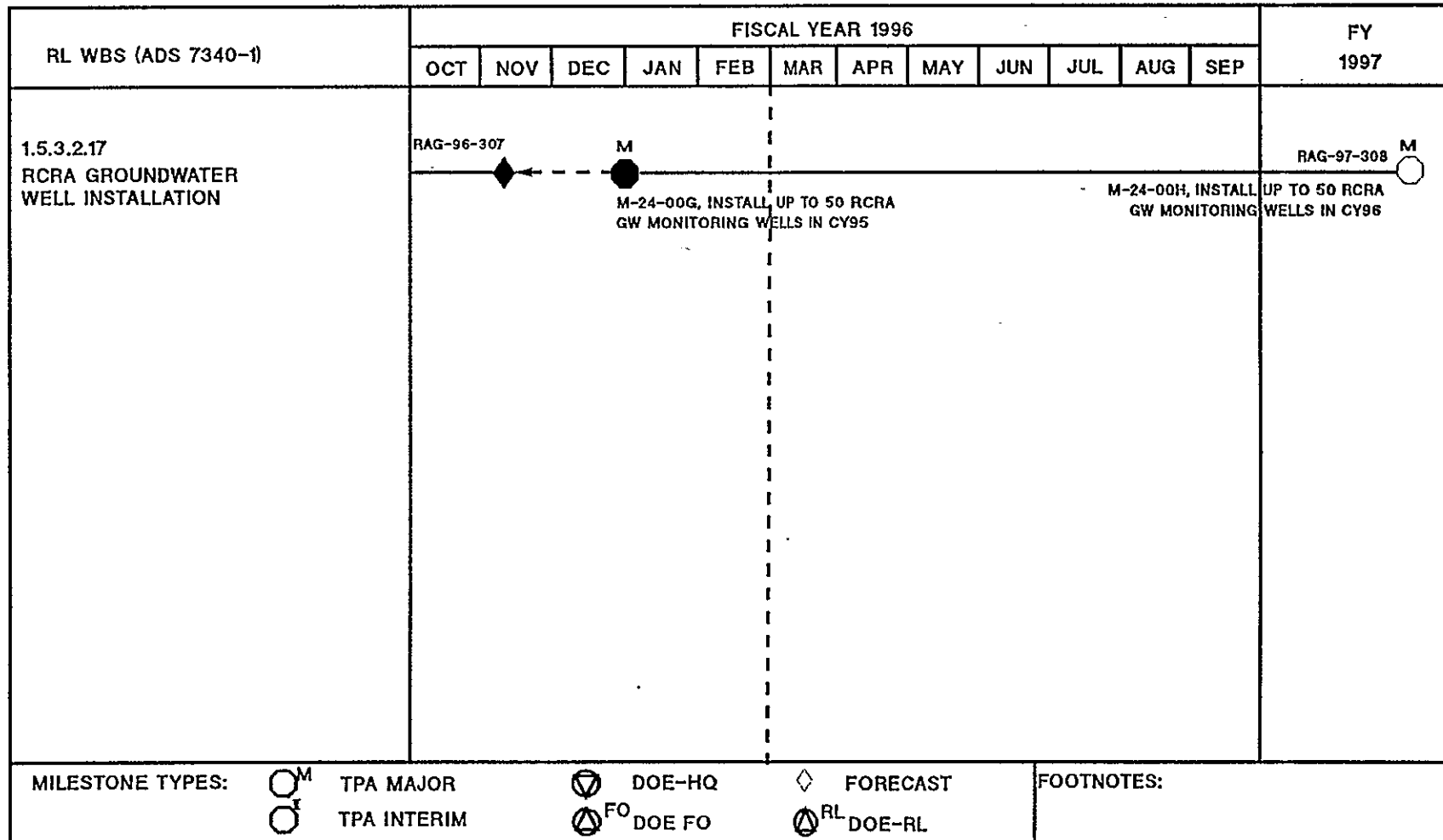
The information contained within this report is complete and accurate to the best of my knowledge.

 6/21/96

A.J. DILIBERTO
WHC PROGRAM MANAGER

Install RCRA Groundwater Wells Milestone M-24-00

PROGRAM PERFORMANCE BASELINE SCHEDULE



Install RCRA Groundwater Wells Milestone M-24-00

Planned Actions: (Next 6-Months)

- Install one well in the 216-A37-1 Area for groundwater monitoring.
- Department of Ecology to concur with compliance of 10 TSD's or provide new groundwater well location(s) for complaint groundwater monitoring well networks
- Initiate Negotiation on Drilling requirements for calendar year 1997
- Decommissioning of 299-W15-5 was delayed until the completion of well installation at 216-A37-1

Install RCRA Groundwater Wells Milestone M-24-00

Accomplishments:

- The Department of Ecology accepted the consolidation of sites near 216-A37-1 for groundwater monitoring.
- Reached Agreement with all parties on the installation of one well this year at 216-A37-1.
- Submitted TPA Change Request to establish interim milestone M-24-00H for the installation on one well at 216-A37-1.

Install RCRA Groundwater Wells Milestone M-24-00

Issues:

- **Awaiting reply from the Department of Ecology on petition for concurrence on ten Treatment, Storage and Disposal Facilities groundwater monitoring networks.**
- **S/Sx Tank Farms are now in Assessment as defined by 40 CFR 265.93 and WAC-173-303-400.**
- **The remainder of the Single Shell Tank Farms are to be investigated for possible groundwater contamination.**

Install RCRA Groundwater Wells Milestone M-24-00

Issues:

- **Geophysics is not adequately funded in FY-1997. Alternate funding approaches are being explored.**
- **Well Decommissioning in support of the Hanford Part B Permit is not adequately funded to meet decommissioning/remediation schedule. Issue is under consideration by senior DOE management.**

TPA Milestone Status

M-34-00

*Complete Actions specified by agreed Interim Milestones
related to Remediation of the K East Basin*

Bob Holt

U.S. Department of Energy, Richland Operations Office

Tom Tebb

Washington State Department of Ecology

June 25, 1996

SPENT NUCLEAR FUEL PROJECT TPA MILESTONES

June 1996

MILESTONE	COST	SCHEDULE	TECHNICAL	CUSTOMER	COMMENT
M-34-00 Complete actions specified by interim milestones for remediation of K-East Basin (TBD)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Programmatic changes required a restructuring of M-34-00.
M-34-01 Dependent upon September 1994 Fuel Consolidation study, disposition KE Basin water by either (a) draining the basin starting in March 1999 completion in September 2000, or (b) drain and replace 2 million gallons per year starting in September 1996 until basin water H-3 is lowered to 300,000 pCi/l. (TBD)					See Note 1.
M-34-02 Submit TPA change request, commensurate with ROD on spent fuel EIS, proposing milestones for (1) removal of fuel and sludge from K Basins, (2) complete stabilization of the basins. 6/96	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Record of Decision (ROD) completed March 4, 1996. See Note 1. Signed TPA change request to go from DOE to Ecology this month.
M-34-00-T01 Issue Notice of Intent (NOI) for N Reactor Fuel EIS. TBD					Record of Decision (ROD) completed March 4, 1996.

LEGEND					
<input checked="" type="checkbox"/>	Outstanding	<input type="checkbox"/>	Good	<input type="checkbox"/>	Marginal
<input type="checkbox"/>	Good	<input checked="" type="checkbox"/>	Unsatisfactory	+	Improved from last month
<input type="checkbox"/>	Satisfactory			-	Worsened from last month
				↑	Improved future outlook
				↓	Worsened future outlook






SPENT NUCLEAR FUEL PROJECT TPA MILESTONES

June 1996

MILESTONE	COST	SCHEDULE	TECHNICAL	CUSTOMER	COMMENT
M-34-00-T08 Remove all fuel and sludge from KE and KW. 12/2002					See Note 1.

NOTE 1: On June 13, 1995, the Unit Managers for Tri-Party Agreement Milestone M-34 met and discussed potential changes to several existing target milestones and one interim milestone. It was agreed by the three parties that interim milestone M-34-01 and the target dates for M-34-00-T02, M-34-00-T06, M-34-00-T07, and M-34-00-T08 no longer accurately reflect the path forward for the Spent Nuclear Fuels Project. As a result of this meeting, the Unit Managers agreed that the most prudent near term action in dealing with this issue was to resume discussions after the K Basins Spent Nuclear Fuel Environmental Impact Statement (EIS) Record of Decision (ROD).

The Record of Decision (ROD) for K Basins Spent Nuclear Fuel Environmental Impact Statement (EIS) was issued on March 4, 1996. Preliminary discussions have started between DOE-RL and Ecology, the lead regulatory agency, on resuming negotiations for potential new interim and target milestones that more accurately reflect the path forward as established in the EIS ROD.

LEGEND			
	Outstanding		Marginal
	Good		Unsatisfactory
	Satisfactory		
		+	Improved from last month
		-	Worsened from last month
		↑	Improved future outlook
		↓	Worsened future outlook

Activity ID	Early Start	Early Finish	MILN	Mile Type	FY96												FY97				
					MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR				
PROJECT INTEGRATION																					
B15		13SEP96*	S00-01-908	DOE-RL	[OAF] Document the SNF Project Technical Basis																
B21		29APR96A	S01-96-111	DOE-RL	Issue FY-96 Activity Data Sheets																
B26		03SEP96*	S01-96-211	DOE-RL	Issue Final Program Plan (FY-97)																
PROCESS ENGINEERING/TECH PROGRAM INTEGRATION																					
C20		30AUG96*	S02-96-210	DOE-RL	[OAF] Complete MCO Performance Analysis Report																
C28		01APR96A	S02-96-225	DOE-RL	Issue Rev 0 Process Flow Diagram																
CHARACTERIZATION																					
CA4		28MAR96A	S08-96-003	DOE-RL	[OAF] Provide Drying Data Input																
CD4		01APR96A	S02-96-466	DOE-RL	Appv 327 Fac for KE Fuel/Can Sludge Receipt																
CD5		21MAY96A	S02-96-415	DOE-RL	[PBF] Complete Ship KE Fuel/Sludge to Hot Cells																
CG4		30AUG96*	S02-96-120	DOE-RL	Complete Ship of KW Fuel to Hot Cells																
K-BASINS MAINTENANCE & OPERATIONS																					
D12		26MAR96A	S03-96-049	DOE-RL	[OAF] Compl Update K-Basin Maint Implement Plan																
D14		29MAR96A	S03-96-048	DOE-RL	[PBF] Compl K-Basins Ess Dwgs & Sys Description																
DOSE REDUCTION																					
F16		17JUN96*	S04-96-204	DOE-RL	[PBF] Complete Clean & Paint Basin Ring																
FUEL RETRIEVAL PROJECT																					
G12		01MAY96A	S04-96-325	DOE-RL	Complete Rev 0 Project Mgmt Plan																
G23	01APR96A		S04-96-340	DOE-RL	Present FRS Design CD Package CD-1/2																
G25		07MAY96A	S04-96-333	DOE-RL	[PBF] Submit FRS Conceptual Design Report to DOE																
G28	01OCT96*		S04-97-350	DOE-RL	Present FRS Procurement CD Package CD-3																
SLUDGE REMOVAL PROJECT																					
H86		29MAR96A	S04-96-107	DOE-RL	[OAF] Obtain Sludge MOU TWRS & SNFP (WHC)																
H87		28JUN96*	S04-96-110	DOE-RL	Obtain Floor Sludge Acceptance by TWRS																
H87A		30AUG96*	S04-96-112	DOE-RL	[OAF] Del Accept KE Fir Sludge to Tank Farms																
DEBRIS REMOVAL PROJECT																					
I13		08MAR96A	S04-96-502	DOE-RL	[PBF] Complete Clearing South Loadout Pit																
MCO ACQUISITON																					
L63		31MAY96*	S05-96-007	DOE-RL	Complete MCO Load Testing																
L67		08NOV96*	S05-97-004	DOE-RL	Approve MCO Topical/Design Report																
L68		30SEP96*	S05-96-011	DOE-RL	Present MCO Design CD Package CD-1/2																
CASK/TRANSPORTATION SYSTEM																					
M25		25APR96A	S06-96-005	DOE-RL	[PBF] Complete Cask Preliminary Design																
M27		25APR96A	S06-96-013	DOE-RL	Present Cask Design CD Package CD-1/2																
M37		19SEP96*	S06-96-010	DOE-RL	Complete Cask/Transport Performance Testing																
M53		16MAY96A	S06-96-007	DOE-RL	Complete Cask/Transport Draft SARP																
M76		07OCT96*	S06-97-001	DOE-RL	Complete Cask/Transport Basin Mods Design																

Project Start 01OCT92
Project Finish 30JUN17
Data Date 27MAY96
Plot Date 21JUN96

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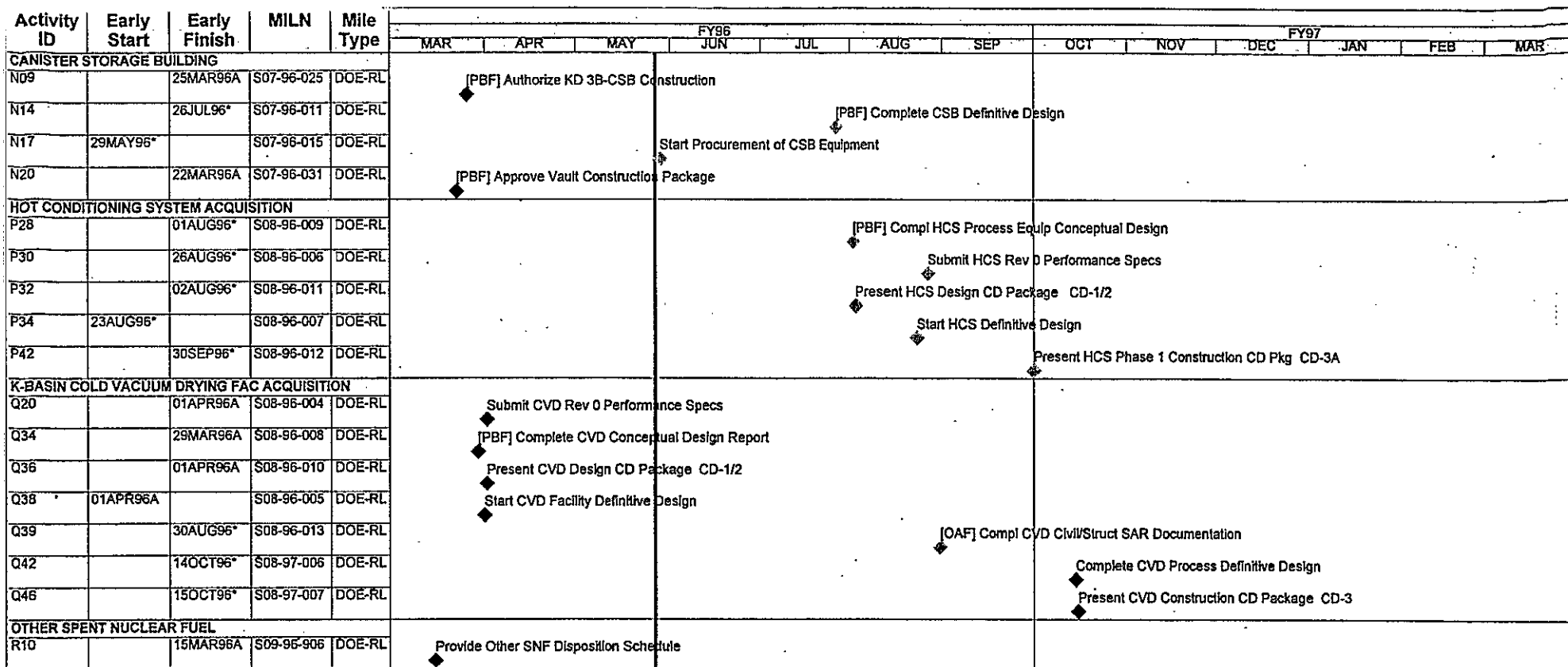
REV1

Westinghouse Hanford Company
Spent Nuclear Fuel
Level 1, Management Summary Schedule

Sheet 1 of 2



Revision 1 5/27/96			
Date	Revision	Checked	Approved



Project Start 01OCT92
 Project Finish 30JUN17
 Data Date 27MAY96
 Plot Date 21JUN96

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REV1

Westinghouse Hanford Company
 Spent Nuclear Fuel
 Level 1, Management Summary Schedule

Sheet 2 of 2



Revision 1 5/27/96			
Date	Revision	Checked	Approved

Accomplishments

- **May 20, 1996 -- DOE-RL submitted proposed M-34 negotiation strategy to DOE-HQ (EM-60) for comment per DOE HQ requirements**
- **June 30, 1996 -- DOE-RL will provide Ecology with assigned TPA change package for M-34-00**
- **Fuel Retrieval System Conceptual Design Report and Project Management Plan approved by DOE**
- **Completed load testing of baskets into MCO**

Accomplishments Continued

- **Issued contract for CSB receiving crane design and fabrication**
- **Awarded contract for MCO Handling Machine design and fabrication.**
- **CSB Phase 2 DOH air emissions NOC distributed for WHC review**
- **Completed necessary activities and raised 105KE Basin water level to 16'4" -- 4 mrem/hr (Goal is 17'4" to support does reduction down to 1 mrem/hr)**

Planned Activities

- **WHC is proposing new MCO sludge limit for bounding case in Safety Analysis Documentation**
- **Continue cleaning of canisters in 105KE**
 - ***Less than 100 mrem/hr***
 - ***Stainless steel cleans very well***
 - ***Aluminum does not clean quite as well***

Milestone Assessment

Milestones due but not complete (next six months)

- M-34-02

Milestones in jeopardy (beyond six months)

- None

Issues

- **CSB concrete schedule**
- **Year to Date Schedule Variance Summary (\$1,406K)**
 - ***Delay in CSB steel installation and start of concrete pours***
 - ***WHC/RL believes this is recoverable***
- **Technical and regulatory issues associated with final disposal of sludge require resolution**

Issues Continued

Non-TPA Regulatory Issues with Potential Impact to TPA

- **PCBs have been found in some areas of KE Basin as a result of sludge characterization**
- **Air Permitting Review Resource Capability**
 - ***Site prioritization***
 - ***Project prioritization***

Summary

- **Comparison of milestone stoplight chart assessment with Project Baseline Summary Schedule**

Westinghouse Hanford Company
SITE MANAGEMENT SYSTEM

PROGRAM

CONTRACTS & MANAGEMENT SERVICES

J. M. KNOLL, WHC
Phone: 376-4040

A. W. KELLOGG, RL
Phone: 376-7489

June 1996

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 6.10.14 CONTRACTS DATA MANAGEMENT & INTEGRATION	JUNE 1996
---------------------------	---------------------------------------------------------------------------------	--------------

TRI-PARTY AGREEMENT STATUS

M-35-00, Complete Data Management Enhancements as Negotiated and Approved:

No current activities or open action items.

Tri-Party Agreement Databases, Access Mechanism and Procedures document (RL-93-69) updated. A copy is available via the Internet. The address is <http://www.hanford.gov/irm/rl-93-69.htm>

M-35-08, Complete negotiation of definitive implementation schedules ...

Completed ahead of schedule. All parties agreed that dates in the *Information Locator Service on HLAN Plan* (M-35-07) were acceptable.

PROBLEMS/ISSUES/CONCERNS

NONE

NON-TPA REGULATORY ISSUES/POTENTIAL IMPACTS

NONE

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.5.2/6.9 ENVIRONMENTAL SUPPORT	JUNE 1996
---------------------------	-----------------------------------------------------------------	--------------

MILESTONE EXCEPTION REPORT

MILESTONES DUE BUT NOT COMPLETE

<u>Number</u>	<u>Type</u>	<u>Title</u>	<u>Scheduled Date</u>	<u>Forecast Completion Date</u>	<u>Cause/Impact/ Recovery Plan</u>
NONE					

FUTURE MILESTONES IN JEOPARDY

<u>Number</u>	<u>Type</u>	<u>Title</u>	<u>Scheduled Date</u>	<u>Forecast Completion Date</u>	<u>Cause/Impact/ Recovery Plan</u>
NONE					

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.5.2/6.9 ENVIRONMENTAL SUPPORT	JUNE 1996
---------------------------	-----------------------------------------------------------------	--------------

EXPENSE SCHEDULE VARIANCE ANALYSIS

WBS	COST VARIANCE \$K	
1.5.2.1 (7330-00)	<u>(Description and Cause:)</u> HEMP 2.3 The underrun is due to change in HLAN access charge method and Internet document delivery versus hard copy document delivery.	<u>(Impacts and Corrective Action:)</u> Impact: Minimal. Corrective Action: Variances will be evaluated monthly to determine if any action is required.

**Interim Status Dangerous Waste Tank
Systems Hanford Federal Facility
Agreement and Consent Order
Milestone M-32-00**

A. R. Sherwood

June 25, 1996

Milestone Description

"Complete Identified Dangerous Waste Tank Corrective Actions" - September 1999

M-32-00 establishes Tri-Party Agreement compliance schedules for correcting known compliance deficiencies in certain Hanford interim status dangerous waste tank systems while allowing the continued operation of those tank systems.

Deliverables and Baseline Schedules

M-32-01 Complete PFP Actions - Dec 94

M-32-02 Complete 219-S Actions - Sept 97

M-32-03 Complete T Plant Actions - Sept 99

M-32-04 Complete DST Actions - June 94

Deliverables and Baseline Schedules (cont'd)

M-32-05 Complete 242-A Evaporator Actions - one month after hot restart

M-32-06 Complete 244-AR Actions - prior to restart

M-32-07 Complete B Plant Actions - June 96

M-32-08 Complete Grout Actions - prior to processing waste

Significant Accomplishments

219-S (222-S Lab)

- **Project W-178 (tank system upgrades): Completed Project re-validation. RL approved project change request #5 (\$2.5M increase). Tank 104 has been brought on line.**

Project W-087 (line replacement): Initiated piping installation in the 222-S service tunnels.

T Plant

- **Project W-259 (tank system upgrades): Held 30% definitive design review. Submitted NOC to WDOH and EPA requesting approval to increase decontamination activities at the 2706-T/TA building.**

Significant Accomplishments (cont'd)

Double-Shell Tanks (DST)

- **Completed "DST Integrity Examination In-Process Review" document.**
- **Held meetings with RL, WHC, and Ecology discussing scope of DST UT examinations, UT acceptance criteria, and Tank Structural Integrity Panel involvement.**

Significant Planned Activities (next six months)

219-S (222-S Lab)

- **Project W-178 (tank system upgrades): Remove existing instrumentation/control panels and installation of new panels.**

Project W-087 (line replacement): Complete punchlist items on Phase I piping (from 219-S to 244-S) and perform acceptance testing. Submit NOC to WDOH and EPA requesting approval to use CO₂ decontamination to reduce dose rates in the 222-S tunnels. Initiate decontamination activities in the tunnels. Conduct readiness assessment on Phase I piping.

Significant Planned Activities (cont'd)

T Plant

- **Project W-259 (tank system upgrades): Issue 90% definitive design review package and complete definitive design phase.**

Double-Shell Tanks

- **Complete evaluation of DST design standards.**
- **Pursue sufficient funding to support DST UT examinations and DST waste transfer system integrity assessment activities.**

Significant Planned Activities (cont'd)

Double-Shell Tanks (cont'd)

- **Continue to conduct meetings with Ecology to establish a mutually agreeable path forward for performance of DST UT examinations.**

B Plant

- **Complete operations to separate radionuclides from the organic solvent waste to support disposition of the waste to an offsite disposal facility or compliant interim storage. This will closeout interim milestone M-32-07. Negotiate additional milestones as part of the B Plant deactivation milestone package.**

Milestone Assessment

- **Milestones Due But Not Complete (next six months)**
- **Milestones in Jeopardy (beyond six months)**

**M-32-02 - Complete 219-S Tank Interim Status
Actions by September 1997.**

Issues

219-S Issue:

M-32-02/Project W-178 - Current funding only allows for the completion of Phase I. Additional funding is anticipated by 1/98 which will allow for the completion of Phase II by 3/99. M-32-02 change request is being drafted.

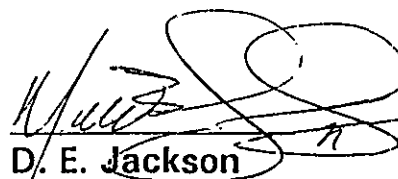
**Interim Status Dangerous Waste Tank Systems
Milestone M-32-00
Project Manager's Assessment**

Interim Milestone	Description	ES & H Compliance	Customer	Technical	Schedule	Cost
M-32-01	Complete PFP Actions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
M-32-02	Complete 219-S Action	↓	<input type="checkbox"/>	<input type="checkbox"/>	↓	↓
M-32-03	Complete T Plant Actions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
M-32-04	Complete DST Actions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
M-32-05	Complete B Plant Actions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Legend:

☐ Good Performance

↓ Worsened Future Outlook


D. E. Jackson
 RL Project Manager

6-25-96
 Date

PERMITS AND CLOSURE PLANS

Milestone M-20-00

E. M. Mattlin

Environmental Assurance, Permits
and Policy Division
U.S. Department of Energy
Richland Operations Office

June 25, 1996

**Submit Part B Permit Applications or Closure Plans
for all RCRA TSD Units
Milestone M-20-00**

PROGRAM MANAGER'S ASSESSMENT

WBS	PROJECT ELEMENT	ES & H COMPLIANCE	CUSTOMER	TECHNICAL	SCHEDULE	COST	COMMENTS
1.5.2	Hanford Environmental Management Program	■	■	■	■	■	
1.4.10	Environmental Restoration	□	□	■	□	□	All milestones are on schedule.

LEGEND

RATING GRADIENT SYMBOLS

■	Outstanding	+	Improved from last month
□	Good	--	Worsened from last month
◇	Satisfactory	↑	Improved future outlook
●	Marginal	↓	Worsened future outlook
○	Unsatisfactory		

MILESTONE DESCRIPTION

M-20-00

Submit Part B Permit Applications or closure plans for all RCRA TSD Units (2-00)

Deliverable(s)

Complete individual TSD unit submittals in accordance with Appendix D Work Schedules

ACCOMPLISHMENTS (last three months)

Closure Plans

- Completed closure activities at 105-DR Large Sodium Fire Facility
- Completed closure of 183-H Solar Evaporation Basins

Hanford Facility RCRA Permit

- Two RCRA Permit Steering Committee meetings
- Quarterly Class 1 modification package submitted to Ecology in accordance with Permit Condition I.C.3 on 4/9/96
- Working Draft of Revision 2 of the Hanford Facility Dangerous Waste Permit Application, General Information Portion:
 - Draft Ecology comments were received on 5/1/96, and further comments were received on 5/23/96

ACCOMPLISHMENTS (last three months)

Hanford Facility RCRA Permit (cont'd)

- Draft responses were prepared and transmitted to Ecology on 5/28/96
- A workshop session to resolve outstanding issues was held on 5/30/96
- RL/contractor review of the incorporated comments was completed on 6/21/96

Part A

- Submitted the following Hanford Facility Dangerous Waste Part A Permit Application Form 3 revisions:
 - B Plant Complex, Revision 4, submitted 5/17/96
 - PUREX Plant, Revision 7, submitted 5/17/96
 - PUREX Storage Tunnels, Revision 4, submitted 5/17/96

ACCOMPLISHMENTS (last three months)

Part A (cont'd)

- Liquid Effluent Retention Facility, Revision 4, submitted 2/9/96
 - 300 Area Waste Acid Treatment System, Revision 4, submitted 3/13/96
 - T Plant Complex, Revision 5, submitted 12/9/95
 - 224-T Transuranic Waste Storage and Assay Facility, Revision 5, submitted 2/9/96
-
- Notices of Intent for Expansion Under Interim Status were filed for the following units:
 - 325 Hazardous Waste Treatment Units Addendum to NOI, submitted 4/24/96

ACCOMPLISHMENTS (last three months)

Part B

- Submitted the following Hanford Facility Dangerous Waste Part B Permit Applications:
 - Low-Level Burial Grounds, Working Draft, submitted in parts from 10/95 through 3/96
 - Completed briefings and tour of 325 Hazardous Waste Treatment Units. Received draft comments on Chapters 1 through 4 on 6/7/96. Workshop on Chapters 1 and 2 held 6/13/96.

PLANNED ACTIONS (next six months)

Unit-Specific Closure Plans

- Submit closure certification for the following units:
 - 105-DR Sodium Fire Facility
 - 183-H Solar Evaporation Basins
 - 4843 Alkali Metal Storage Facility
 - 3718-F Alkali Metal Storage and Treatment Facility
- Continue DQO process for 324 REC/HLV; prepare and submit closure plan
- Continue work on Revision 1 of 300 Area Waste Acid Treatment System Closure Plan including workshops while awaiting NOD comments

PLANNED ACTIONS (next six months)

Unit-Specific Closure Plans (cont'd)

- Submit 241-Z Treatment and Storage Tanks Closure Plan Revision 0 due 12/31/96
- Submit PUREX Preclosure Work Plan 7/31/96; TPA Milestone M-20-24A
- Continue work on Revision 1 of 324 REC/HLV Closure Plan
- Submit revised Hanford Facility Dangerous Waste Part A Permit Application, Form 3s, with "Closed" stamped on front page for the following units:
 - 4843 Alkali Metal Storage Facility
 - 3718-F Alkali Metal Storage and Treatment Facility
 - 183-H Solar Evaporation Basin
 - 105-DR Large Sodium Fire Facility (Partial)
 - Thermal Treatment Test Facilities
 - Physical/Chemical Treatment Test Facilities

PLANNED ACTIONS (next six months)

Part A

- Submit revised Hanford Facility Dangerous Waste Part A Permit Application, Form 3s, for the following units:
 - B Plant Complex, Revision 5
 - Single-Shell Tank System, Revision 4
 - Low-Level Burial Grounds, Revision 8
 - 222-S Laboratory Complex, Revision 4
 - 325 Hazardous Waste Treatment Units, Revision 4
 - 200 Area Effluent Treatment Facility, Revision 2
 - All WHC Units in support of Transition
- Pursue procedural closure for the following units:
 - Biological Treatment Test Facilities
 - 221-T Containment Systems Test Facility

PLANNED ACTIONS (next six months)

Part A (cont'd)

- 1706-KE Waste Treatment System
- 2727-WA SRE Sodium Storage Buildings
- 437 Maintenance and Storage Facility
- 332 Storage Facility
- 324 Sodium Removal Pilot Plant

Part B

- Continue NOD workshops with Ecology for the following units:
 - Double-Shell Tank System (NOD Response Tables Submitted 7/13/93 and 3/25/94)
 - 200 Area Liquid Waste Complex (LERF, ETF, 242-A) (NOD Response Tables Submitted 6/24/93, 9/26/94, and 10/26/94)

PLANNED ACTIONS (next six months)

Part B (cont'd)

- 325 Hazardous Waste Treatment Units (NOD's response table under development)
- Low-Level Burial Grounds (NOD Response Table Submitted 4/9/95)
- Central Waste Complex (NOD Response Table Submitted 9/27/95)
- Waste Receiving and Processing Facility (NOD Response Table Submitted 2/17/95)
- Submit revised/new Part B permit applications for the following units:
 - Low-Level Burial Grounds, Revision 1, advanced copy
 - PUREX Storage Tunnels, Revision 3

PLANNED ACTIONS (next six months)

Hanford Facility RCRA Permit

- Submit Quarterly Class 1 modification packages to Ecology in accordance with Permit Condition I.C.3 by 7/10/96, 10/10/96, 1/10/97
- Submit Revision 2 of the Hanford Facility Dangerous Waste Permit Application, General Information Portion to Ecology by 7/26/96 for inclusion into Modification B
- Conduct Site-Wide Inspections according to schedule submitted to Ecology
- Submit Quarterly 183-H Basins Groundwater Monitoring Report by 9/30/96
- Submit Class 3 Modification request for 616 Nonradioactive Dangerous Waste Storage Facility

PLANNED ACTIONS (next six months)

Hanford Facility RCRA Permit (cont'd)

- Submit Annual Closure Cost Estimate Report to Ecology by 10/31/96
- Revision 3 of the Hanford Facility RCRA Permit becomes effective 12/96
- Transfer RCRA Permitting Documentation to the Project Management Contractor by 10/1/96